





## Recombinant Escherichia coli Intermembrane phospholipid transport system binding protein MlaC (mlaC)

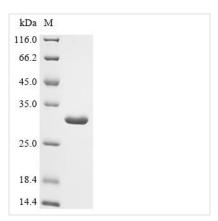
Product Code         CSB-EP365042ENV           Abbreviation         Recombinant E.coli mlaC protein           Storage         The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized powder.           Product Type         Product Type         Product Type         Product Type         Product		
Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized powder, the buffer is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophi	Product Code	CSB-EP365042ENV
storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  Uniprot No. POADV7  Form Liquid or Lyophilized powder  Storage Buffer If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.  Product Type Recombinant Escherichia coli Intermembrane phospholipid transport system binding protein MlaC (mlaC)  Immunogen Species Escherichia coli (strain K12)  Sensitivity Not Test  Purity Greater than 95% as determined by SDS-PAGE.  Sequence ADQTNPYKLMDEAAQKTFDRLKNEQPQIRANPDPYRTIVDQELLPYVQVKYAG ALVLGQYYKSATPAQREAYFAAFREYLKQAYGQALAMYHGQTYQIAPEQPLG DKTIVPIRVTIIDPNGRPPVRLDFQWRKNSQTGNWQAYDMIAEGVSMITTKQNE WGTLLRTKGIDGLTAQLKSISQQKITLEEKK  Research Area Others  Source E.coli  Target Names mlaC  Expression Region 22-211aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info C-terminal 6xHis-tagged  Mol. Weight Pull Length of Mature Protein	Abbreviation	Recombinant E.coli mlaC protein
Form Liquid or Lyophilized powder  Storage Buffer If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.  Product Type Recombinant Escherichia coli Intermembrane phospholipid transport system binding protein MlaC (mlaC)  Immunogen Species Escherichia coli (strain K12)  Sensitivity Not Test  Purity Greater than 95% as determined by SDS-PAGE.  Sequence ADQTNPYKLMDEAAQKTFDRLKNEQPQIRANPDYLRTIVDQELLPYVQVKYAG ALVLGQYYKSATPAQREAYFAAFREYLKQAYGQALAMYHGQTYQIAPEQPLG DKTIVPIRVTIIDPNGRPPVRLDFQWRKNSQTGNWQAYDMIAEGVSMITTKQNE WGTLLRTKGIDGLTAQLKSISQQKITLEEKK  Research Area Others  Source E.coli  Target Names mlaC  Expression Region 22-211aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info C-terminal 6xHis-tagged  Mol. Weight 28.6 kDa  Protein Length Full Length of Mature Protein	Storage	storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12
Storage Buffer  If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.  Product Type  Recombinant Escherichia coli Intermembrane phospholipid transport system binding protein MlaC (mlaC)  Immunogen Species  Escherichia coli (strain K12)  Sensitivity  Not Test  Purity  Greater than 95% as determined by SDS-PAGE.  Sequence  ADQTNPYKLMDEAAQKTFDRLKNEQPQIRANPDYLRTIVDQELLPYVQVKYAG ALVLGQYYKSATPAQREAYFAAFREYLKQAYGQALAMYHGQTYQIAPEQPLG DKTIVPIRVTIIDPNGRPPVRLDFQWRKNSQTGNWQAYDMIAEGVSMITTKQNE WGTLLRTKGIDGLTAQLKSISQQKITLEEKK  Research Area  Others  Source  E.coli  Target Names  mlaC  Expression Region  22-211aa  Notes  Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info  C-terminal 6xHis-tagged  Mol. Weight  Full Length of Mature Protein	Uniprot No.	P0ADV7
S%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.  Product Type Recombinant Escherichia coli Intermembrane phospholipid transport system binding protein MlaC (mlaC)  Immunogen Species Escherichia coli (strain K12)  Sensitivity Not Test  Purity Greater than 95% as determined by SDS-PAGE.  Sequence ADQTNPYKLMDEAAQKTFDRLKNEQPQIRANPDYLRTIVDQELLPYVQVKYAG ALVLGQYYKSATPAQREAYFAAFREYLKQAYGQALAMYHGQTYQIAPEQPLG DKTIVPIRVTIIDPNGRPPVRLDFQWRKNSQTGNWQAYDMIAEGVSMITTKQNE WGTLLRTKGIDGLTAQLKSISQQKITLEEKK  Research Area Others  Source E.coli  Target Names mlaC  Expression Region 22-211aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info C-terminal 6xHis-tagged  Mol. Weight 28.6 kDa  Protein Length Full Length of Mature Protein	Form	Liquid or Lyophilized powder
Immunogen Species Escherichia coli (strain K12)  Sensitivity Not Test  Purity Greater than 95% as determined by SDS-PAGE.  Sequence ADQTNPYKLMDEAAQKTFDRLKNEQPQIRANPDYLRTIVDQELLPYVQVKYAG ALVLGQYYKSATPAQREAYFAAFREYLKQAYGQALAMYHGQTYQIAPEQPLG DKTIVPIRVTIIDPNGRPPVRLDFQWRKNSQTGNWQAYDMIAEGVSMITTKQNE WGTLLRTKGIDGLTAQLKSISQQKITLEEKK  Research Area Others  Source E.coli  Target Names mlaC  Expression Region 22-211aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info C-terminal 6xHis-tagged  Mol. Weight 28.6 kDa  Protein Length Full Length of Mature Protein	Storage Buffer	5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before
Sensitivity       Not Test         Purity       Greater than 95% as determined by SDS-PAGE.         Sequence       ADQTNPYKLMDEAAQKTFDRLKNEQPQIRANPDYLRTIVDQELLPYVQVKYAG ALVLGQYYKSATPAQREAYFAAFREYLKQAYGQALAMYHGQTYQIAPEQPLG DKTIVPIRVTIIDPNGRPPVRLDFQWRKNSQTGNWQAYDMIAEGVSMITTKQNE WGTLLRTKGIDGLTAQLKSISQQKITLEEKK         Research Area       Others         Source       E.coli         Target Names       mlaC         Expression Region       22-211aa         Notes       Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.         Tag Info       C-terminal 6xHis-tagged         Mol. Weight       28.6 kDa         Protein Length       Full Length of Mature Protein	Product Type	
Purity Greater than 95% as determined by SDS-PAGE.  Sequence ADQTNPYKLMDEAAQKTFDRLKNEQPQIRANPDYLRTIVDQELLPYVQVKYAG ALVLGQYYKSATPAQREAYFAAFREYLKQAYGQALAMYHGQTYQIAPEQPLG DKTIVPIRVTIIDPNGRPPVRLDFQWRKNSQTGNWQAYDMIAEGVSMITTKQNE WGTLLRTKGIDGLTAQLKSISQQKITLEEKK  Research Area Others  Source E.coli  Target Names mlaC  Expression Region 22-211aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info C-terminal 6xHis-tagged  Mol. Weight 28.6 kDa  Protein Length Full Length of Mature Protein	Immunogen Species	Escherichia coli (strain K12)
Sequence ADQTNPYKLMDEAAQKTFDRLKNEQPQIRANPDYLRTIVDQELLPYVQVKYAG ALVLGQYYKSATPAQREAYFAAFREYLKQAYGQALAMYHGQTYQIAPEQPLG DKTIVPIRVTIIDPNGRPPVRLDFQWRKNSQTGNWQAYDMIAEGVSMITTKQNE WGTLLRTKGIDGLTAQLKSISQQKITLEEKK  Research Area Others  Source E.coli  Target Names mlaC  Expression Region 22-211aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info C-terminal 6xHis-tagged  Mol. Weight 28.6 kDa  Protein Length Full Length of Mature Protein	Sensitivity	Not Test
ALVLGQYYKSATPAQREAYFAAFREYLKQAYGQALAMYHGQTYQIAPEQPLG DKTIVPIRVTIIDPNGRPPVRLDFQWRKNSQTGNWQAYDMIAEGVSMITTKQNE WGTLLRTKGIDGLTAQLKSISQQKITLEEKK  Research Area Others  Source E.coli  Target Names mlaC  Expression Region 22-211aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info C-terminal 6xHis-tagged  Mol. Weight 28.6 kDa  Protein Length Full Length of Mature Protein	Purity	Greater than 95% as determined by SDS-PAGE.
SourceE.coliTarget NamesmlaCExpression Region22-211aaNotesRepeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.Tag InfoC-terminal 6xHis-taggedMol. Weight28.6 kDaProtein LengthFull Length of Mature Protein	Sequence	ALVLGQYYKSATPAQREAYFAAFREYLKQAYGQALAMYHGQTYQIAPEQPLG DKTIVPIRVTIIDPNGRPPVRLDFQWRKNSQTGNWQAYDMIAEGVSMITTKQNE
Target Names mlaC  Expression Region 22-211aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info C-terminal 6xHis-tagged  Mol. Weight 28.6 kDa  Protein Length Full Length of Mature Protein	Research Area	Others
Expression Region22-211aaNotesRepeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.Tag InfoC-terminal 6xHis-taggedMol. Weight28.6 kDaProtein LengthFull Length of Mature Protein	Source	E.coli
Notes  Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info  C-terminal 6xHis-tagged  Mol. Weight  28.6 kDa  Protein Length  Full Length of Mature Protein	Target Names	mlaC
4°C for up to one week.  Tag Info C-terminal 6xHis-tagged  Mol. Weight 28.6 kDa  Protein Length Full Length of Mature Protein	Expression Region	22-211aa
Mol. Weight 28.6 kDa  Protein Length Full Length of Mature Protein	Notes	
Protein Length Full Length of Mature Protein	Tag Info	C-terminal 6xHis-tagged
	Mol. Weight	28.6 kDa
Image	Protein Length	Full Length of Mature Protein
	Image	



## **CUSABIO TECHNOLOGY LLC**







(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## **Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.