





## Recombinant Escherichia coli Molybdate-binding protein ModA (modA)

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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.  Uniprot No.  P37329  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.  Product Type Recombinant Protein  Immunogen Species Escherichia coli (strain K12)  Purity Greater than 90% as determined by SDS-PAGE.  Sequence DEGKITVFAAASLTNAMQDIATQFKKEKGVDVVSSFASSSTLARQIEAGAPADL FISADQKWMDYAVDKKAIDTATRQTLLGNSLVVVAPKASVQKDFTIDSKTNWT SLLNGGRLAVGDPEHVPAGIYAKEALQKLGAWDTLSPKLAPAEDVRGALALVE RNEAPLGIVYGSDAVASKGVKVVATFPEDSHKKVEYPVAVVEGHNNATVKAFY DYLKGPQAAEIFKRYGFTIK  Research Area Others  Source  E.coli	<b>Product Code</b>	CSB-EP339803ENVa2
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Immunogen Species   Escherichia coli (strain K12)	Storage Buffer	5%-50% glycerol.If the delivery form is lyophilized powder, the buffer before
Purity  Greater than 90% as determined by SDS-PAGE.  DEGKITVFAAASLTNAMQDIATQFKKEKGVDVVSSFASSSTLARQIEAGAPADL FISADQKWMDYAVDKKAIDTATRQTLLGNSLVVVAPKASVQKDFTIDSKTNWT SLLNGGRLAVGDPEHVPAGIYAKEALQKLGAWDTLSPKLAPAEDVRGALALVE RNEAPLGIVYGSDAVASKGVKVVATFPEDSHKKVEYPVAVVEGHNNATVKAFY DYLKGPQAAEIFKRYGFTIK  Research Area  Others  E.coli	Product Type	Recombinant Protein
Sequence  DEGKITVFAAASLTNAMQDIATQFKKEKGVDVVSSFASSSTLARQIEAGAPADL FISADQKWMDYAVDKKAIDTATRQTLLGNSLVVVAPKASVQKDFTIDSKTNWT SLLNGGRLAVGDPEHVPAGIYAKEALQKLGAWDTLSPKLAPAEDVRGALALVE RNEAPLGIVYGSDAVASKGVKVVATFPEDSHKKVEYPVAVVEGHNNATVKAFY DYLKGPQAAEIFKRYGFTIK  Research Area  Others  E.coli	Immunogen Species	Escherichia coli (strain K12)
FISADQKWMDYAVDKKAIDTATRQTLLGNSLVVVAPKASVQKDFTIDSKTNWT SLLNGGRLAVGDPEHVPAGIYAKEALQKLGAWDTLSPKLAPAEDVRGALALVE RNEAPLGIVYGSDAVASKGVKVVATFPEDSHKKVEYPVAVVEGHNNATVKAFY DYLKGPQAAEIFKRYGFTIK  Research Area Others  E.coli	Purity	Greater than 90% as determined by SDS-PAGE.
Source E.coli	Sequence	SLLNGGRLAVGDPEHVPAGIYAKEALQKLGAWDTLSPKLAPAEDVRGALALVE RNEAPLGIVYGSDAVASKGVKVVATFPEDSHKKVEYPVAVVEGHNNATVKAFY
	Research Area	Others
Target Names modA	Source	E.coli
	Target Names	modA
Expression Region 25-257aa	Expression Region	25-257aa
<b>Notes</b> Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.	Notes	
Tag Info N-terminal 6xHis-SUMO-tagged	Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight 37.9 kDa	Mol. Weight	37.9 kDa
Protein Length Full Length of Mature Protein	Protein Length	Full Length of Mature Protein
	Image	

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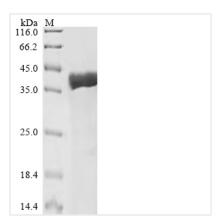
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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## 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**

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