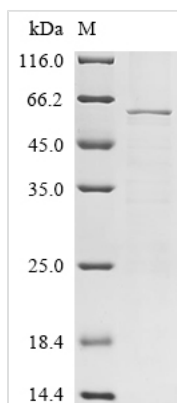




Recombinant Escherichia coli O9:H4 Membrane protein insertase YidC (yidC)

Product Code	CSB-CF420048EJF
Abbreviation	Recombinant E.coli O9:H4 yidC 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.
Uniprot No.	A8A6G7
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 O9:H4 (strain HS)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MDSQRNLLVIALLFVSFMIWQAWEQDKNPQPQAQQTQTQTTTTAAGSAADQGV PASGQGKLISVKTDVLDLTINTRGGDVEQALLPAYPKELNSTQPFQLLETSPQFI YQAQSGLTGRDGPDPNPANGPRPLYNVEKDAYVLAEGQNELQVPMTYTDAAG NTFTKTFVLKRGDYAVNVNYNVQNAGEKPLEISTFGQLKQSITLPPHLDTGSSN FALHTFRGAAYSTPDEKYEKYKFDTIADNENLNISSEKGGWVAMLQQYFATAWI PHNDGTNNFYTANLGNIAAIGYKSQPVLVQPGQTGAMNSTLWVGPEIQDKM AAVAPHLDLTVDYGWLWFISQPLFKLLKWIHSFVGNWGFSSIIITFIVRGIMYPLT KAQYTSMAKMRMLQPKIQAMRERLGDDKQRISQEMMALYKAEKVNPLGGCF PLLIQMPIFLALYYMLMGSVELRQAPFALWIHDLAQDPYYILPILMGVTMFFIQ KMSPTTVTDPMQQKIMTFMPVIFTVFFLWFPSGLVLYYIVSNLVTIIQQQLIYRG LEKRGLHSREKKKS
Research Area	Others
Source	in vitro E.coli expression system
Target Names	yidC
Expression Region	1-548aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged
Mol. Weight	63.0 kDa
Protein Length	Full Length
Image	



(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.