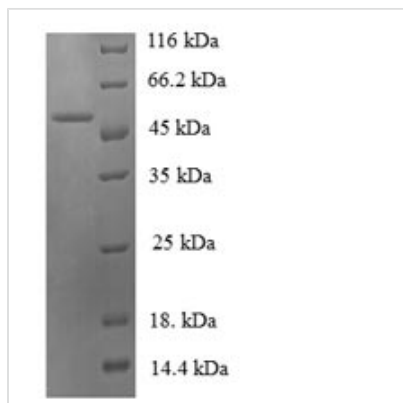




Recombinant Bacillus subtilis Malate dehydrogenase (mdh)

Product Code	CSB-EP013623BRJ
Relevance	Catalyzes the reversible oxidation of malate to oxaloacetate.
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.	P49814
Alias	Vegetative protein 69 ;VEG69
Product Type	Recombinant Protein
Immunogen Species	Bacillus subtilis (strain 168)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	GNTRKKVSVIGAGFTGATTAFLIAQKELADVVLVDIPQLENPTKGKALDMLEAS PVQGFDAKITGTSNYEDTAGSDIVVITAGIARKPGMSRDDLVSTNEKIMRSVTQ EIVKYSPDSIIVLTNPVDAMTYAVYKESGFPKERVIGQSGVLDTARFRTFVAEE LNLSVKDVTGFLVGGHGDDMVPLVRYSYAGGIPLTLPKERIDAIVERTRKGG GEIVNLLGNGSAYYAPAASLTEMVEAILKDQRRVLPTIAYLEGEYGYEGIYLGVP TIVGGNGLEQIIIELELTDYERAQLNKSVESVKNVMKVLS
Lead Time	Delivery time may differ from different purchasing way or location, please kindly consult your local distributors for specific delivery time.
Research Area	Others
Source	E.coli
Gene Names	mdh
Expression Region	2-312aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	37.5kDa
Protein Description	Full Length of Mature Protein
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.