



Recombinant Bacillus subtilis Malate dehydrogenase (mdh)

Product Code	CSB-EP013623BRJ-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P49814
Product Type	Recombinant Protein
Immunogen Species	Bacillus subtilis (strain 168)
Purity	>85% (SDS-PAGE)
Sequence	GNTRKKVSV IGAGFTGATT AFLIAQKELA DVVLVDIPQL ENPTKGKALD MLEASPVQGF DAKITGTSNY EDTAGSDIVV ITAGIARKPG MSRDDLSTN EKIMRSVTQE IVKYSPDSII VVLTNPVDAM TYAVYKESGF PKERVIGQSG VLDTARFRTF VAEELNLSVK DVTGFVLGGH GDDMVPLVRY SYAGGIPLT LIPKERIDAI VERTRKGGGE IVNLLNGNSA YYAPAASLTE MVEAILKDQR RVLPTIAYLE GEYGYEGIYL GVPTIVGGNG LEQIIIELELT DYERAQLNKS VESVKNVMKV LS
Source	E.coli
Target Names	mdh
Protein Names	Recommended name: Malate dehydrogenase EC= 1.1.1.37 Alternative name(s): Vegetative protein 69 Short name= VEG69
Expression Region	2-312
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
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.