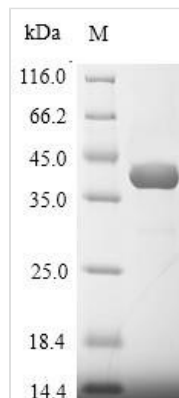




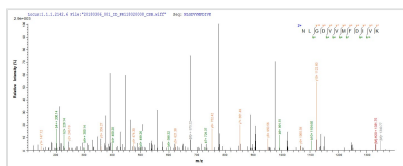
Recombinant Plasmodium berghei L-lactate dehydrogenase

Product Code	CSB-EP307560EWN
Abbreviation	Recombinant Plasmodium berghei LDH 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.	Q7SI97
Product Type	Recombinant Protein
Immunogen Species	Plasmodium berghei (strain Anka)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MAPKAKIVLVGSGMIGGVMATLIVQKNLGDVVMFDIVKNMPHGKALDTSHTNV MAYSNCKVSGSNTYDDLKDADVIVTAGFTKAPGKSDKEWNRDDLLPLNNKI MIEIGGHIKNNCPNAFIIIVTNPVDVMVQLLHQHSGVPKNKIVGLGGVLDTSRLK YYISQKLNVCPRDVNAHIVGAHGNKMVLLKRYITVGGIPLQEFINNKKITDQELD AIFDRTINTALEIVNLHASPYVAPAAAIEMAESYIRDLRKVLICSTLLEGQYGHKD IFAGTPLVIGGNGVEQVIELQLNADEKKKFDEAVAETSRMKALI
Research Area	Metabolism
Source	E.coli
Protein Names	Recommended name: L-lactate dehydrogenase EC= 1.1.1.27
Expression Region	1-316aa
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 and C-terminal Myc-tagged
Mol. Weight	39.4kDa
Protein Length	Full Length

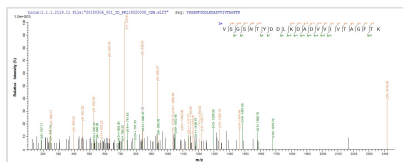
Image



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



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP307560EWN could indicate that this peptide derived from E.coli-expressed Plasmodium berghei (strain Anka) PB000185.00.0.



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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.