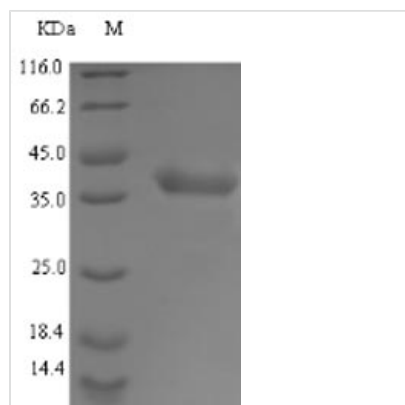


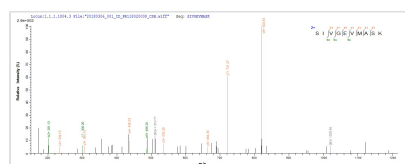


Recombinant Staphylococcus aureus L-lactate dehydrogenase 1 (ldhA)

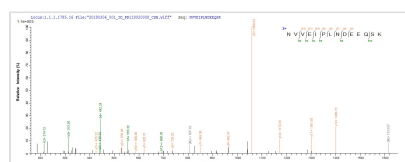
Product Code	CSB-EP354501SKX
Relevance	Appears to be the primary factor that allows S.aureus growth during nitrosative stress in both aerobically and anaerobically cultured cells.
Abbreviation	Recombinant Staphylococcus aureus ldhA protein
Storage	The shelf life is related to many factors, storage state, 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.	P65255
Alias	Short name:L-LDH 1
Product Type	Recombinant Protein
Immunogen Species	Staphylococcus aureus (strain Mu50 / ATCC 700699)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MNKFKGNGKVVLLIGNGAVGSSYAFSLVNQSIIVDELVIIDLDTEKVRGDVMDLKHA TPYSPTTVRVKAGEYSDCHDADLVVICAGAAQKPGETRLDLVSKNLKIFKSIVG EVMASKFDGIFLVATNPVDILAYATWKFSGLPKERVIGSGTILDSARFRLLLSEA FDVAPRSVDAQIIGEHGDTLPVWSHANIAGQPLKTLLEQRPEGKAQIEQIFVQ TRDAAYDIIQAKGATYYGVAMGLARITEAIFRNEDAVLTVSALLEGEYDEEDVYI GVPVINRNGIRNVVEIPLNDEEQSKFAHSAKTLKDIMAEEELK
Research Area	Others
Source	E.coli
Target Names	ldhA
Expression Region	1-317aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	50.6kDa
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-EP354501SKX could indicate that this peptide derived from E.coli-expressed Staphylococcus aureus (strain Mu50 / ATCC 700699) IdhA.



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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.