

Recombinant Staphylococcus Aureus LDHA Protein (1-317 aa), His-SUMO-tagged

SPECIFICATION

Cat.No.	LDHA-1914S
Species	Staphylococcus aureus
Product Name	Recombinant Staphylococcus Aureus LDHA Protein (1-317 aa), His-SUMO-tagged
Product Overview	Recombinant Staphylococcus Aureus (strain Mu50/ATCC 700699) LDHA Protein (1-317 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length.
Description	Appears to be the primary factor that allows S.aureus growth during nitrosative stress in both aerobically and anaerobically cultured cells.
Source	E. coli
Tag	His/SUMO
Form	Tris-based buffer,50% glycerol
Molecular Mass	50.6 kDa
Protein length	1-317 aa
AA Sequence	MNKFKGNKVVLIGNGAVGSSYAFSLVNQSIVDELVIIDLDEKVRGDVMDLKHATPYS PTTVRVKAGEYSDCHDADLVVICAGAAQKPGETRLDLVSKNLKIFKSIVGEVMASKFD GIFLVATNPVDILAYATWKFSGLPKERVIGSGTILDSARFRLLLSEAFDVAPRSVDAQII GEHGDTELPVWSHANIAGQPLKTLLEQRPEGKAQIEQIFVQTRDAAYDIIQAKGATYY GVAMGLARITEAIFRNEDAVLTVSALLEGEYDEEDVYIGVPAVINRNGIRNVVEIPLNDE EQSKFAHSAKTLKDIMAEAEELK
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12

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Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.
Synonyms	ldhA; Short name:L-LDH 1;
UniProt ID	P65255
Figure 1	LDHA-1914S, 1.jpg
Figure Note 1	(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.