

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

Cat. No. LDHA-1914S **Lot. No.** (See product label)

SPECIFICATION

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.
Species	Staphylococcus Aureus
Source	E.coli
ProteinLength	1-317 aa
Description	Appears to be the primary factor that allows S.aureus growth during nitrosative stress in both aerobically and anaerobically cultured cells.
Form	Tris-based buffer,50% glycerol
Molecular Mass	50.6 kDa
AA Sequence	MNKFKGNKVVLIGNGAVGSSYAFSLVNQSIIVDELVIIDLDTEKVRGDVMDLKHATPYS PTTVRVKAGEYSDCHDADLVVICAGAAQKPGETRLDLVSKNLKIFKSIVGEVMASKF DGIFLVATNPVDILAYATWKFSGLPKERVIGSGTILDSARFRLLLSEAFDVAPRSVDAQ IIGEHGDTCLPVWVSHANIAGQPLKTLLEQRPEGKAQIEQIFVQTRDAAYDIIQAKGATY YGVAMGLARITEAIFRNEDAVLTVSALLEGEYDEEDVYIGVPAVINRNGIRNVVEIPLN DEEQSKFAHSAKTLKDIMAEEELK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.
GENE INFORMATION	
Synonyms	ldhA; Short name:L-LDH 1;
UniProt ID	P65255

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