

Recombinant Staphylococcus Aureus LYTA Protein (1-481 aa), His-tagged

Cat. No. LYTA-2328S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Staphylococcus Aureus LYTA Protein (1-481 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	Staphylococcus Aureus
Source	E.coli
ProteinLength	1-481 aa
Description	Autolysins are involved in some important biological processes such as cell separation, cell-wall turnover, competence for genetic transformation, formation of the flagella and sporulation. Autolysin strictly depends on the presence of choline-containing cell walls for activity.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	57.8 kDa
AA Sequence	MQAKLTKNEFIERLKTSEGGKQFNVDLWYGFQCFDYANAGWKVLFGLLLKGLGAKDI PFANNFDGLATVYQNTPDFLAQPGDMVVFGSNYAGYGHVAWVIEATLDYIIVYEQ NWLGGGWTGIEQPAGVGKKLQDDNMLMISLCGLSVRILKVRQRHDQFNLLHKHP KKETAKPQPKAVELKIKDVVKGYDLPKRGSNPKGIVIHNDAGSKGATAEAYRNLGN APLSRLEAGIAHSYVSGNTVWQALDESQVGWHTANQIGNKYYYGIEVCQSMGADN

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ATFLKNEQATFQECARLLKKWGLPANRNTIRLHNEFTSTSCPHRSSVLHTGFDPVTR
 GLLPEDKRLQLKDYFIKQIRAYMDGKIPVATVSNNESSASSNTVKPVASAWKRNKYGT
 YYMEESARFTNGNQPITVRKVGPFLSCPVG YQFQPGGYCDYTEVMLQDGHVWVG
 YTWEGQRYYLPIRTWNGSAPPNQILGDLWGEIS

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 will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

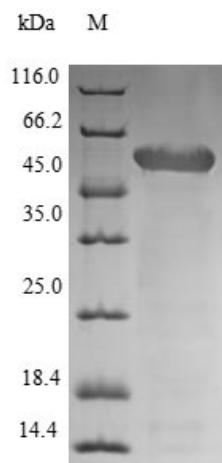
Synonyms lytA;

UniProt ID [P24556](#)

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

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