



Recombinant Staphylococcus aureus Autolysin (lytA)

Product Code	CSB-EP326479FKZ-B
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.	P24556
Product Type	Recombinant Protein
Immunogen Species	Staphylococcus aureus
Purity	>85% (SDS-PAGE)
Sequence	MQAKLTKNEF IERLKTSE GK QFNVDLWYGF QCFDYANAGW KVLFGLLLKG LGAKDIPFAN NFDGLATVYQ NTPDFLAQPG DMVVFGSNYG AGYGHVAWVI EATLDYIIVY EQNWLGGGWT DGIEQPAGVG KKLQDDNMLM ISLCGLSVRI LKVRQRHDQF NLLHKHPKKE TAKPQPKAVE LKIIKDVKVG YDLPKRGSNP KGIVIHNDAG SKGATAEAYR NGLVNAPLSR LEAGIAHSYV SGNTVWQALD ESQVGWHTAN QIGNKYYYGI EVCQSMGADN ATFLKNEQAT FQECARLLKK WGLPANRNTI RLHNEFTSTS CPHRSSVLHT GFDPVTRGLL PEDKRLQLKD YFIKQIRAYM DGKIPVATVS NESSASSNTV KPVASAWKRN KYGTYYMEES ARFTNGNQPI TVRKVGPFLS CPVGYQFQPG GYCDYTEVML QDGHVWVGYT WEGQRYLPI RTWNGSAPPN QILGDLWGEI S
Source	E.coli
Target Names	lytA
Protein Names	Recommended name: Autolysin EC= 3.5.1.28Alternative name(s): N-acetylmuramoyl-L-alanine amidase
Expression Region	1-481
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
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.