



Recombinant Staphylococcus aureus Alpha-hemolysin (hly)

Product Code	CSB-YP639324FLF
Relevance	Alpha-toxin binds to the mbrane of eukaryotic cells resulting in the release of low-molecular weight molecules and leading to an eventual osmotic lysis. Heptamer oligomerization and pore formation is required for lytic activity .
Abbreviation	Recombinant Staphylococcus aureus hly 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.	Q2G1X0
Alias	Alpha-toxin
Product Type	Recombinant Protein
Immunogen Species	Staphylococcus aureus (strain NCTC 8325)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	ADSDINIKTGTTDIGSNTTVKTGDLVITYDKENGMHKKVFYSFIDDKNHNKLLVI RTKGTIAGQYRVYSEEGANKSGLAWPSAFKVQLQLPDNEVAQISDYYPNRSID TKEYMSTLTYGFNGNVTGDDTGKIGGLIGANVSIGHTLK YVQPDFKTILESP TD KKVGWKVIFNNMVNQNWGPYDRDSWNPVYGNQLFMKTRNGSMKAADNFLD PNKASSLLSSGFSPDFATVITMDRKASKQQTNIDVIYERVRDDYQLHWTSTNW KGTNTKDKWIDRSSERYKIDWEKEEMTN
Research Area	Others
Source	Yeast
Target Names	hly
Protein Names	Recommended name: Alpha-hemolysin Short name= Alpha-HL Alternative name(s): Alpha-toxin
Expression Region	27-319aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	35.3kDa
Protein Length	Full Length of Mature Protein
Image	

