

Alpha-hemolysin Recombinant Protein | hly recombinant protein

Recombinant Staphylococcus aureus Alpha-hemolysin (hly)

CATALOG # AAA18739	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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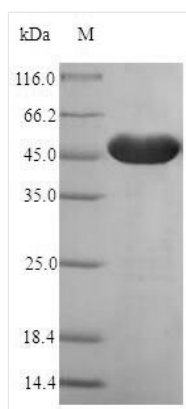
PRODUCT SYNONYMS

Alpha-hemolysin; Recombinant Staphylococcus aureus Alpha-hemolysin (hly); Alpha-toxin; hly recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	27-319aa; Full Length of Mature Protein
Sequence	ADSDINIKTG TTDIGSNTTV KTGDLVTYDK ENGMHKKVFY SFIDDKNHNK KLLVIRTKGT IAGQYRVYSE EGANKSGLAW PSFAKVQLQL PDNEVAQISD YYPRNSIDTK EYMSTLTYGF NGNVTGDDTG KIGGLIGANV SIGHTLKYVQ PDFKTILESP TDKKVGWKVI FNNMVNQNWG PYDRDSWNPV YGNQLFMKTR NGSMKAADNF LDPNKASSLL SSGFSPDFAT VITMDRKASK QQTNIIDVIYE RVRDDYQLHW TSTNWKGTNT KDKWIDRSSE RYKIDWEKEE MTN
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for hly recombinant protein	Alpha-toxin binds to the membrane 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.
References	Synthetic effects of secG and secY2 mutations on exoproteome biogenesis in Staphylococcus aureus. Sibbald M.J., Winter T., van der Kooi-Pol M.M., Buist G., Tsompanidou E., Bosma T., Schafer T., Ohlsen K., Hecker M., Antelmann H., Engelmann S., van Dijk J.M.J. Bacteriol. 192:3788-3800(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	446780227
NCBI GeneID	3920722
NCBI Accession #	WP_000857483.1
NCBI GenBank Nucleotide #	WP_000857483.1
UniProt Accession #	Q2G1X0
Molecular Weight	35.3 kDa
NCBI Official Full Name	alpha-hemolysin
NCBI Official Symbol	SAOUHSC_01121
NCBI Protein Information	alpha-hemolysin
UniProt Protein Name	Alpha-hemolysin
UniProt Gene Name	hly
UniProt Synonym Gene Names	hla; Alpha-HL
UniProt Entry Name	HLA_STAA8

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/hly-recombinant-protein-e-coli/18739>