

Pneumolysin (ply) Recombinant Protein | ply recombinant protein

Recombinant Streptococcus pneumoniae serotype 2 Pneumolysin (ply)

CATALOG # AAA18677	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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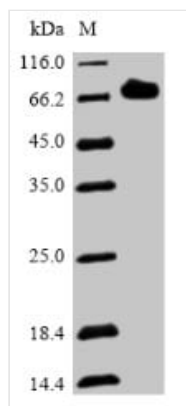
PRODUCT SYNONYMS

Pneumolysin (ply); Recombinant Streptococcus pneumoniae serotype 2 Pneumolysin (ply); Pneumolysin; Thiol-activated cytolysin; ply 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	2-471aa; Full Length of Mature Protein
Sequence	ANKAVNDFIL AMNYDKKKLL THQGESIENR FIKEGNQLPD EFVIERKKR SLSTNTSDIS VTATNDSRLY PGALLVDET LLENNPTLLA VDRAPMTYSI DLPGLASSDS FLQVEDPSNS SVRGAVNDLL AKWHQDYGQV NNVPARMQYE KITAHSMEQL KVKFGSDFEK TGNSLDIDFN SVHSGEKQIQ IVNFKQIYYT VSVDAVKNPQ DVFQDVTVE DLKQRGISAE RPLVYISSVA YGRQVYLKLE TTSKSDEVEA AFEALIKGVK VAPQTEWKQI LDNTEVKAVI LGGDPSSGAR VVTGKVDME DLIQEGSRFT ADHPGLPISY TTSFLRDNVV ATFQNSTDYV ETKVTAYRNG DLLLDHSGAY VAQYYITWDE LSYDHQGKEV LTPKAWRNG QDLTAHFTTS IPLKGNVRNL SVKIRECTGL AWEWWRTVYE KTDLPLVRKR TISIWGTTLY PQVEDKVEND
Species	Streptococcus pneumoniae serotype 2 (strain D39 / 7466)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ply recombinant protein	Sulfhydryl-activated toxin that causes cytolysis by forming pores in cholesterol containing host membranes. After binding to target membranes, the protein undergoes a major conformation change, leading to its insertion in the host membrane and formation of an oligomeric pore complex. Cholesterol may be required for binding to host membranes, membrane insertion and pore formation. Can be reversibly inactivated by oxidation
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NCBI AND UNIPROT INFORMATION

NCBI GI #	447207103
NCBI GeneID	4441611
NCBI Accession #	WP_001284359.1
NCBI GenBank Nucleotide #	WP_001284359.1
UniProt Accession #	Q04IN8; P11990
Molecular Weight	72.8 kDa
NCBI Official Full Name	pneumolysin
NCBI Official Symbol	ply
NCBI Protein Information	pneumolysin
UniProt Protein Name	Pneumolysin
UniProt Gene Name	ply
UniProt Entry Name	TACY_STRP2

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/ply-recombinant-protein-e-coli/18677>