

Pneumolysin (ply) Recombinant Protein | ply recombinant protein

Recombinant Streptococcus pneumoniae serotype 4 Pneumolysin (ply), Biotinylated

CATALOG # AAA278931	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Pneumolysin (ply); Recombinant Streptococcus pneumoniae serotype 4 Pneumolysin (ply); Biotinylated; 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 AKWHQDYGGV NNVPARMQYE KITAHSMEL KVKFGSDFEK TGNSLDIDFN SVHSGEKQIQ IVNFKQIYYT VSVDAVKNP G DVFQDTVTE DLKQRGISAE RPLVYISSVA YGRQVYLKLE TTSKSDEVEA AFEALIKGVK VAPQTEWKQI LDNTEVKAVI LGGDPSSGAR VVTGKVDME DLIQEGSRFT ADHPGLPISY TTSFLRDNV V ATFQNSTDYV ETKVTAYRNG DLLLDHSGAY VAQYYITWNE LSYDHQGEV LTPKAWRNG QDLTAHFTTS IPLKGNVRNL SVKIRECTGL AWEWWRTVYE KTDLPLVRKR TISIWGTTL Y PQVEDKVEND
Species	Streptococcus pneumoniae serotype 4 (strain BAA-334/TIGR4)
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 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.

ADDITIONAL INFORMATION

Product Categories/Family for ply recombinant protein	Others
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NCBI AND UNIPROT INFORMATION

NCBI GI #	447207105
NCBI Accession #	WP_001284361.1
NCBI GenBank Nucleotide #	WP_001284361.1
UniProt Accession #	P0C2J9; P11990
Molecular Weight	54.8 kDa
NCBI Official Full Name	pneumolysin
UniProt Protein Name	Pneumolysin
UniProt Gene Name	ply

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://stage.aaabiotech.com/ply-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/278931>