

Recombinant Streptococcus pneumoniae serotype 4 (strain ATCC BAA-334 / TIGR4) ply protein, His&Myc-tagged

Cat. No. ply-2273S Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Streptococcus pneumoniae serotype 4 (strain ATCC BAA-334 / TIGR4) ply protein(P0C2J9)(2-471aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in Insect Cell.
Species	Streptococcus pneumoniae
Source	Insect Cells
ProteinLength	2-471aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	56.8 kDa
AA Sequence	ANKAVNDFILAMNYDKKKLLTHQGESIENRFIKEGNQLPDEFVVIERKKRSLSTNTSDI SVTATNDSRLYPGALLVDETLENNPTLLAVDRAPMTYSIDLPGLOSSDSFLQVEDP SNSSVRGAVNDLLAKWHQDYGQVNNVPARMQYEKITAHSMEQLKVKFGSDFEKTG NSLDIDFNSVHSGEKQIQIVNFKQIYYTVSVDAVKNPBGDVFQDTVTVEDLKQRGISAE RPLVYISSVAYGRQVYLKLETTSKSDEVEAAFEALIKGVKVAPQTEWKQILDNTEVKA VILGGDPSSGARVVTGKVDMVEDLIQEGSRFTADHPGLPISYTTSLRDNNVATFQN STDYVETKVTAYRNGDLLLDHSGAYVAQYYITWNELSYDHQGKEVLTPKAWDRNG

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QDLTAHFTTSIPLKGNVRNLSVKIRECTGLAWWWRTVYEKTDLPLVRKRTISIWGT
TLYPQVEDKVEND

Purity

Greater than 90% as determined by SDS-PAGE.

Storage

Store at -20°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Reconstitution

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.

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