

## Recombinant Streptococcus pneumoniae serotype 2 (strain D39 / NCTC 7466) ply protein, His&Myc-tagged

**Cat. No.** ply-8676S    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Streptococcus pneumoniae serotype 2 (strain D39 / NCTC 7466) ply protein(Q04IN8)(2-471aa(146:A→Missing)), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.                                             |
| <b>Species</b>          | Streptococcus pneumoniae                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 2-471aa(146:A→Missing)                                                                                                                                                                                                                           |
| <b>Form</b>             | 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.               |
| <b>Molecular Mass</b>   | 60.1 kDa                                                                                                                                                                                                                                         |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                      |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                   |
| <b>Reconstitution</b>   | 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 |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

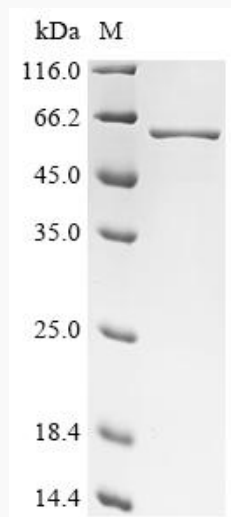
 45-1 Ramsey Road, Shirley, NY 11967, USA

concentration) and aliquot for long-term storage at -20°C/-80°C.

#### AA Sequence

ANKAVNDFILAMNYDKKKLLTHQGESIENRFIKEGNQLPDEFVVIERKKRSLSTNTSDI  
SVTATNDSRLYPGALLVDETLLENNPTLLAVDRAPMTYSIDLPGGLASSDSFLQVEDP  
SNSSVRGAVNDLLAKWHQDYGQVNNVPRMQYEKITAHSMEQLKVKFGSDFEKTGN  
SLDIDFNSVHSGEKQIQIVNFKQIYYTVSVDVAVKNPGDVFQDQTVTVEDLKQRGISAER  
PLVYISSVAYGRQVYLKLETTSSKSDEVEAAFEALIKGVKVAPQTEWKQILDNTEVKAVI  
LGGDPSSGARVVTGKVDMVEDLIQEGSRFTADHPGLPISYTTSLFRDNVVATFQNST  
DYVETKVTAYRNGDLLLDHSGAYVAQYYITWDELSYDHQGKEVLTPKAWDRNGQD  
LTAHFTTSIPLKGNVRNLSVKIRECTGLAWEWWRTVYEKTDLPLVRKRTISIWGTTLY  
PQVEDKVEND

#### SDS-PAGE



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