Recombinant Full Length Penicillin-Binding Protein 2X(Pbpx) Protein, His-Tagged

Cat. No. RFL21676SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Penicillin-binding protein 2x(pbpX) Protein (P14677) (1-750aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Streptococcus pneumoniae
Source	E.coli
ProteinLength	Full Length (1-750)
Form	Lyophilized powder
AA Sequence	MKWTKRVIRYATKNRKSPAENRRRVGKSLSLLSVFVFAIFLVNFAVIIGTGTRFGTDL AK EAKKVHQTTRTVPAKRGTIYDRNGVPIAEDATSYNVYAVIDENYKSATGKILYVEK TQFN KVAEVFHKYLDMEESYVREQLSQPNLKQVSFGAKGNGITYANMMSIKKELEA AEVKGIDF TTSPNRSYPNGQFASSFIGLAQLHENEDGSKSLLGTSGMESSLNSILAG TDGIITYEKDR LGNIVPGTEQVSQRTMDGKDVYTTISSPLQSFMETQMDAFQEKVK GKYMTATLVSAKTGE ILATTQRPTFDADTKEGITEDFVWRDILYQSNYEPGSTMKVM MLAAAIDNNTFPGGEVFN SSELKIADATIRDWDVNEGLTGGRTMTFSQGFAHSSNV GMTLLEQKMGDATWLDYLNRFK FGVPTRFGLTDEYAGQLPADNIVNIAQSSFGQGI SVTQTQMIRAFTAIANDGVMLEPKFI SAIYDPNDQTARKSQKEIVGNPVSKDAASLTR TNMVLVGTDPVYGTMYNHSTGKPTVTVP GQNVALKSGTAQIADEKNGGYLVGLTD YIFSAVSMSPAENPDFILYVTVQQPEHYSGIQL GEFANPILERASAMKDSLNLQTTAK ALEQVSQQSPYPMPSVKDISPGDLAEELRRNLVQP IVVGTGTKIKNSSAEEGKNLAP

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	NQQVLILSDKAEEVPDMYGWTKETAETLAKWLNIELEF QGSGSTVQKQDVRANTAI KDIKKITLTLGD
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	pbpX
Synonyms	pbpX; SP_0336; Penicillin-binding protein 2x; PBP-2x; PBP2x
UniProt ID	P14677

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA