

Penicillin-binding protein 2x (pbpX) Recombinant Protein | pbpX recombinant protein

Recombinant Penicillin-binding protein 2x (pbpX)

CATALOG #
AAA230722

HOST
Cell Free Expression

PRODUCT SYNONYMS

Penicillin-binding protein 2x (pbpX); Recombinant Penicillin-binding protein 2x (pbpX); pbpX recombinant protein

PRODUCT SPECIFICATIONS

Host	Cell Free Expression
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Liquid containing glycerol
Sequence Positions	1-750. Full Length
Sequence	MKWTKRVIRY ATKNRKSPAE NRRRVGKSLS LLSVFVFAIF LVNFAVIIGT GTRFGTDLAK EAKKVHQTTR TVPKRGTIY DRNGVPIAED ATSYNVYAVI DENYKSATGK ILYVEKTQFN KVAEVFHKYL DMEESYVREQ LSQPNLKQVS FGAKGNGITY ANMMSIKKEL EAAEVKGIDF TTSPNRSYPN GQFASSFIGL AQLHENEDGS KSLTGTSGME SSLNSILAGT DGIITYEKDR LGNIVPGTEQ VSQRTMDGKD VYTTISSPLQ SFMETQMDAF QEKVKGKYMT ATLVSAKTGE ILATTQRPTF DADTKEGITE DFVWRDILYQ SNYEPGSTMK VMMLAAIDN NTFPGGEVFN SSELKIADAT IRDWDVNEGL TGGRTMTFSQ GFAHSSNVGM TLEQKMGDA TWLDYLNRFK FGVPTRFGLT DEYAGQLPAD NIVNIAQSSF GQGISVTQTQ MIRAFTAIAAN DGVMLEPKFI SAIYDPNDQT ARKSQKEIVG NPVSKDAASL TRTNMVLVGT DPVYGTMYNH STGKPTVTVP GQNVALKSGT AQIADEKNGG YLVGLTDYIF SAVSMSPAEN PDFILYVTVQ QPEHYSGIQL GEFANPILER ASAMKDSLNL QTAKALEQV SQQSPYPMPV VKDISPGDLA EELRRNLVQP IVVGTGKIK NSSAEEGKNL APNQQVLILS DKAEEVPDMY GWTKETATL AKWLNIELEF QGSGSTVQKQ DVRANTAIKD IKKITLTLGD
Species	Streptococcus pneumoniae
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

ADDITIONAL INFORMATION

Product Categories/Family for pbpX recombinant protein	Transmembrane Protein
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NCBI AND UNIPROT INFORMATION

NCBI GI #	446795019
NCBI Accession #	WP_000872275.1
NCBI GenBank Nucleotide #	WP_000872275.1
UniProt Accession #	P14677
Molecular Weight	82,313 Da
NCBI Official Full Name	penicillin-binding protein 2X
UniProt Protein Name	Penicillin-binding protein 2x
UniProt Gene Name	pbpX

UniProt Synonym Gene Names	PBP-2x; PBP2x
UniProt Entry Name	PBPX_STRPN

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/pbp-recombinant-protein-cell-free-expression/230722>