

Recombinant Full Length Methanocaldococcus Jannaschii Phosphate-Binding Protein PstS(PstS) Protein, His-Tagged

Cat. No. RFL8905MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Methanocaldococcus jannaschii Phosphate-binding protein pstS(pstS) Protein (Q58421) (1-389aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Methanocaldococcus jannaschii
Source	E.coli
ProteinLength	Full Length (1-389)
Form	Lyophilized powder
AA Sequence	MNDTTQPTKGD VAVKKILALILGLCLIVPVISIAGCVGGGNSQPSNNEKPSTIIIRTGAT FPKYQIQKWIEDYQKTHPNVKIEYEGGGSGYGQEAFAKGLTDIGRTDPPVKESMWK KFLS TGDQPLQFPEIVGAVVVVTYNIPEIGDKTLKLSRDVLADIFLGKIEYWDDERIKKI NPEIA DKLPHEKIIVVHRSDASGTTAIFTTYLSLISKEWAEKVGAGKTVNWPTDNIGR GVAGKGN PGVVAIVKSTPYTVAYTELSYAIEQKLPVAALENKNGKFVKPTDETIKAAV SAVKASIPN PTEGYKEDLKQMLDAPGDNAYPIVAFTHLLVWENKNGKHYSPEKAKAI KDFTLWVLTEGQ KPEHLAPGYVGLPEDVAKIGLNAVNMKE
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	pstS
Synonyms	pstS; MJ1015; Phosphate-binding protein PstS; PBP
UniProt ID	Q58421