

Recombinant Full Length Salmonella Typhimurium Phosphoglycerate Transport System Sensor Protein Pgtb(Pgtb) Protein, His-Tagged

Cat. No. RFL11857SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Salmonella typhimurium Phosphoglycerate transport system sensor protein pgtB(pgtB) Protein (P37433) (1-668aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Salmonella typhimurium
Source	E.coli
ProteinLength	Full Length (1-668)
Form	Lyophilized powder
AA Sequence	MKGRLQLRLRQLSISNSLRGAFLTGALLTLIVSMVSLYSWHEQSSQVRYSLDEYFPRI HS AFLIEGNLNLAVDQLNEFLLAPNTTVRLQLRTQIIQHLDKIERLSQGLQLAERRQL AVIL QDSRTLLAELDNALYNMFLVREKVSELSARIDWLHDDFTTELNSLVQDFTWQQ GTLLDQI EANQGDAAYLQRSREVQNEQQQVYTLARIENQIVDDLRLNELKSGN NDGMLVETHIR YLENLKKKTADENIRALDDWPSTITLRQTIDELLEIGMVKNKMPDTMR DYVAAQKALLDAS RAREATLGRFRTLLEAQLGSSHQQMQTFNQRLEQIVRVSGGLI LVATLLALLLAWGLNHY FIRSLVKRFTALNQAVVQIGLGRDSTIPVYGRDELGRIA RLLRHTLGQLNMQRRQLEQ EVAERKEIEADLRAMQDELIQTAKLAVVGQTMTTLAH EINQPLNALSMYLFAGRAIEQG QSGQARNTLTKA EGLINRIDAIIRSLRQFTRRAELE TPLYPVDLRQTFVAAWELLAMRHQ SRQGALSLPTDTVWVSGDEVRIQQVLNVLA

 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

NALDACSHDAVIAVTWQTQGEALEVYIAD NGPGWPVALLPSLLKPFTTSKAVGLGIG
LSISVSLMAQMKGDLRLASTLTRNACVVLQFS VTDVDDVE

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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name pgtB

Synonyms pgtB; STM2397; Phosphoglycerate transport system sensor protein PgtB

UniProt ID [P37433](#)

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