

Recombinant Full Length Geobacillus Stearothermophilus Pts System Glucose-Specific Eiicba Component(Ptsg) Protein, His-Tagged

Cat. No. RFL9804GF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Geobacillus stearothermophilus PTS system glucose-specific EIICBA component(ptsG) Protein (P42015) (1-324aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Geobacillus Stearothermophilus
Source	E.coli
ProteinLength	Full Length (1-324)
Form	Lyophilized powder
AA Sequence	HLLNVKIGMTFSGGVIDFLLFGVLPNRTAWWLVIPVGLVFAVIYYFGFRFAIRKWDLA TP GREKTVEEAPKAEAAAAGDLPYEVLAAALGGKENIEHLDACITRLRVSVHDIGRVD KDRLK ALGAAGVLEVGNVQAIIFGPKSDMLKGQIQDIMQGKAPARAEKPKTAASE AAESETIAS PMSG EIVPLAEVPDQVFSQKMMGDGFAVMPTDGTVVSPVDGKIINVFP TKHAIGIQSAGG HEILIHVGIDTVKLNQGQFEALVKEGDEVKKGQPILRVDL DYVKQN APSIVTPVIFTNLQ AGETVHVNKQGPVARGEDAVVTIR
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE

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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	ptsG
Synonyms	ptsG; PTS system glucose-specific EIICBA component; EII-Glc/EIII-Glc; EIICBA-Glc; EIICBA-Glc 1 [Includes: Glucose permease IIC component; PTS system glucose-specific EIIC component; Glucose-specific phosphotransferase enzyme IIB component; PTS system gluc
UniProt ID	P42015