



Recombinant Bacillus subtilis Putative PTS system glucosamine-specific EIICBA component (gamP)

Product Code	CSB-CF334625BRJ
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P39816
Product Type	Transmembrane Protein
Immunogen Species	Bacillus subtilis (strain 168)
Sequence	<p>MFKKAFQILQQQLGRALMTPVAVLPAAGLLLRFGDKDLLNIPIIKDAGGVVFDNLP LIFAV GVAIGLAGGEGVAGLAAVIGYLILTVTLDNMGKLLGLQPPYEGAEHLIDMGVFG GIIIGL LAAYLYKRFSSIELHPVLGFFSGKRFVPIITSVSSLVIGVIFSFVWPLIQNGINAAS SLI ADSTVGLFFYATYRLLIPFGLHHIFYTPFYFMMGEYTDPTSTGNTVTGDLTRFFA GDPTA GRFMMGDFPYMIFCLPAVALAIHTARPEKKKMGVMSAALTSMLTGITEPVE FSFLF VAPVLYLINSILAGVIFVVCDFHVRHGYTFSGGGIDYVLNYGLSTNGWVVIPVG IVFAF IYYLFRFAILKWNLKTGRETDEDGQNEEKAPVAKDQLAFHVLQALGGQQNI ANLDACI TRLRVTVHQPSQVCKDELKRLGAVGVLEVNNNFQAIFGTKSDALKDDIKTIMAG GVPATA AALDTVTDKPLKPDSEDTFYPIKGETVSLGDVPDQVFSEKMMGEGFAIIPSEG KVVAPA DGEIVSIFPTKHAIGFMSAGGTEILIHVGIDTVKLNPEGFEAHVTSGQAVKQGEL LLTFD LNYIKQHAASAITPVIFTNTSEEDLKHIQMK</p>
Source	in vitro E.coli expression system
Target Names	gamP
Protein Names	Recommended name: Putative PTS system glucosamine-specific EIICBA component Including the following 3 domains: Glucosamine permease IIC component Alternative name(s): PTS system glucosamine-specific EIIC component Glucosamine-specific
Expression Region	1-631
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.