



Recombinant Bacillus subtilis UDP-N-acetylglucosamine--N-acetylmuramyl-(pentapeptide) pyrophosphoryl-undecaprenol N-acetylglucosamine transferase

Product Code	CSB-YP330738BRJ
Storage	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.
Uniprot No.	P37585
Product Type	Recombinant Protein
Immunogen Species	Bacillus subtilis (strain 168)
Purity	>85% (SDS-PAGE)
Sequence	MRIAISGGGT GGHIYPALAF IKEVQRRHPN VEFYIGTEN GLEKKIVERE NIPFRSIEIT GFKRKLSFEN VKTVMRFLKG VKKSKSYLAE FKPDVIGTG GYVCGPVVYA AAKMGIPTIV HEQNSLPGIT NKFLSKYVVK VAICFEEAKS HFPSEKVVFT GNPRASEVVS IKTGRSLAEF GLSEDKKTVL IFGGSRGAAAP INRAVIDMQD VLKTRDYQVL YITGEVHYEK VMNELKSKGA ADNMTKPFLL HQMPEYLKAI DVIVARAGAT TIAEITALGI PSVLIPSPYV TANHQEVNAR SLGQHDAIV LKETELSGEK LIEALDRIVL NEQTLKEMSE RTKSLGVPDA AARLYSVLEE LKK
Source	Yeast
Target Names	murG
Protein Names	Recommended name: UDP-N-acetylglucosamine--N-acetylmuramyl-(pentapeptide) pyrophosphoryl-undecaprenol N-acetylglucosamine transferase EC= 2.4.1.227 Alternative name(s): Undecaprenyl-PP-MurNAc-pentapeptide-UDPGlcNAc GlcNAc transferase
Expression Region	1-363
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
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.



Shelf Life

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