



Recombinant Bacillus subtilis Processive diacylglycerol glucosyltransferase (ugtP)

Product Code	CSB-EP346520BRJ
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.	P54166
Product Type	Recombinant Protein
Immunogen Species	Bacillus subtilis (strain 168)
Purity	>85% (SDS-PAGE)
Sequence	MNTNKRVLIL TANYGNGHVQ VAKTLYEQCV RLGFAQHVTVS NLYQESNPIV SEVTQYLYLK SFSIGKQFYR LFYYGVDKIY NKRKFNIYFK MGNKRLGELV DEHQPDIIIN TFPMIVPEY RRRTGRVIPT FNVMTDFCLH KIWVHENVDK YYVATDYVKE KLEIGTHPS NVKITGIPIR PQFEESMPVG PIYKKYNLSP NKKVLLIMAG AHGVLKNVKE LCENLVKDDQ VQVVVCGKN TALKESLSAL EAENGDKLV LGYVERIDEL FRITDCMITK PGGITLTEAT AIGVPVILYK PVPGQEKENA NFFEDRGAAI VVNRHEEILE SVTSLLADED TLHRMKNKNIK DLHLANSSEV ILEDILKESE MMTAKQKAKV LS
Source	E.coli
Target Names	ugtP
Protein Names	Recommended name: Processive diacylglycerol glucosyltransferase EC= 2.4.1.- Alternative name(s): Beta-gentiobiosyldiacylglycerol synthase DGlcDAG synthase Diglucosyldiacylglycerol synthase Glc2-DAG synthase Monoglucosyldiacy
Expression Region	1-382
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	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.