



Recombinant Bacillus subtilis UDP-N-acetylenolpyruvoylglucosamine reductase (murB)

Product Code	CSB-MP325591BRJ
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.	P18579
Product Type	Recombinant Protein
Immunogen Species	Bacillus subtilis (strain 168)
Purity	>85% (SDS-PAGE)
Sequence	MEKVIQELKE REVGKVLANE PLANHTTMKI GGPADVLVIP SSVDAVKDIM DVIKKYDVKW TVIGRGSNLL VLDEGIRGVV IKLGAGLDHL ELEGEQVTVG GGYSVVRLAT SLSKKGLSGL EFAAGIPGSV GGAVYMNAGA HGSDMSEILV KAHILFEDGT IEWLTNEQMD FSYRTSVLQK KRPGVCLEAV LQLEQKDKES IVQQMQSNKD YRKNTQPYSS PCAGSIFRNP LPNHAGNLVE KAGLKGYQIG GAKISEMHGN FIVNAGGASA KDVLDLIDHV KKTIREKYEI DMHTEVEIIG GNR
Source	Mammalian cell
Target Names	murB
Protein Names	Recommended name: UDP-N-acetylenolpyruvoylglucosamine reductase EC=1.1.1.158 Alternative name(s): UDP-N-acetylmuramate dehydrogenase
Expression Region	1-303
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.