



Recombinant UDP-N-acetylenolpyruvoylglucosamine reductase (murB)

Product Code	CSB-EP800956SZB
Abbreviation	murB
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.	Q83PC7
Product Type	Recombinant Protein
Immunogen Species	Shigella flexneri
Purity	≥85% (SDS-PAGE)
Sequence	MNHS LKPWNT FGIDHNAQHI VCAEDEQQLL NAWQHATAEG QPVLILGEGS NVLFLDYRG TVIINRIKGI EIHDEPDAWY LHV GAGENWH RLVKYTLQEG MPGLENLALI PGCVGSSPIQ NIGAYGVELQ RVCAYVDCVE LATGKQVRLT AKECRFGYRD SIFKHEYQDR FAIVAVGLRL PKEWQPVLTY GDLTRLDPTT VTPQQVFNAV CHMRTTKLPD PKVNGNAGSF FKNPVVSAET AKALLAQFPT APNYPQAGGS VKLAAGWLID QCQLKGMQMG GAAVHRQQAL VLINEDNAKS EDVVQLAHHV RQKVGEKFNV WLEPEVRFIG ASGEVSAVET IS
Source	E.coli
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	1-342
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.