



# Recombinant UDP-N-acetylenolpyruvoylglucosamine reductase (murB)

<b>Product Code</b>	CSB-EP800956SZB-B
<b>Abbreviation</b>	murB
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q83PC7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Shigella flexneri
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MNHSLKPWNT 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
<b>Source</b>	E.coli
<b>Target Names</b>	murB
<b>Protein Names</b>	Recommended name: UDP-N-acetylenolpyruvoylglucosamine reductase EC=1.1.1.158 Alternative name(s): UDP-N-acetylmuramate dehydrogenase
<b>Expression Region</b>	1-342
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.