



Recombinant Desulfotalea psychrophila UDP-N-acetylglucosamine 1-carboxyvinyltransferase (murA)

Product Code	CSB-EP721410DAAA
Abbreviation	murA
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.	Q6AJM7
Product Type	Recombinant Protein
Immunogen Species	Desulfotalea psychrophila (strain LSv54 / DSM 12343)
Purity	≥85% (SDS-PAGE)
Sequence	MEKLFIEGGR PLHGSVKISG AKNAALPLMA ATLLAPGKHI LRNVPELRDT KTLLQVMAEL GVTSQRDGDV LTIDSTHLKH CEASYDLVRT MRASVLVLGP LVARLGQARV SKPGGCAIGD RPINLHLMGL ETLGAKCIQE HGYVDVEVDG RLQGGTIYFD VPSVTGTENL LMAATLAEGT TVLQNAAREP EIANLVDMLV GMGARIEGRD SDELTIHGVE QLGQADCVII PDRIEAGTYL IAIAASGGAG KVTHCQPEHL SALLTKLRAT GLLLEADEST ISISFPEGKT VSDLSCVDIK TMPYPGYATD LQAQFMALMC LATGSSVVNE TIFENRFMHV AELERMNADI KINGGSAVVT GNGVAGLVGA PVMATDLRAS SSLVIAGLAA TGQTEVRRRIY HLERGYEKLK EKLTLGLGARV WKEQS
Source	E.coli
Target Names	murA
Protein Names	Recommended name: UDP-N-acetylglucosamine 1-carboxyvinyltransferase EC= 2.5.1.7 Alternative name(s): Enoylpyruvate transferase UDP-N-acetylglucosamine enolpyruvyl transferase Short name= EPT
Expression Region	1-425
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.