



Recombinant Bacillus cereus UDP-N-acetylglucosamine 1-carboxyvinyltransferase 1 (murA1)

Product Code	CSB-EP714110BAAD-B
Abbreviation	murA1
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.	Q630W1
Product Type	Recombinant Protein
Immunogen Species	Bacillus cereus (strain ZK / E33L)
Purity	≥85% (SDS-PAGE)
Sequence	MEKIIVRGGK RLNGTVRVEG AKNAVLPIIA AALLASDGKN VLSEVPVLSD VYTINEVLRH LNAEVVFENN QVTIDASKEL NIEAPFEYVR KMRASVQVMG PLLARNGRAR IALPGGCAIG SRPIDQHLKG FEAMGAKVQV GNGFVEAYVE GELKGAKIYL DFPSVGATEN IMSAATLAKG TTILENAAKE PEIVDLANFL NAMGAKVRGA GTGTIRIEGV DKLYGANHSI IPDRIEAGTF MVAAAITGGD ILIENAVPEH LRSITAKMEE MGVKIIEENE GVRVIGPDKL KAVDIKTMPIH PGFPTDMQSQ MMALLLQADG TSMITETVFE NRFMHVEEFR RMNADIKIEG RSVIMNGPNS LQGAEVGATD LRAAAALILA GLVSEGYTRV TELKHLDRGY VDFHKKLAAL GATIERVNEK VEEVKEQEVSLHA
Source	E.coli
Target Names	murA1
Protein Names	Recommended name: UDP-N-acetylglucosamine 1-carboxyvinyltransferase 1 EC= 2.5.1.7 Alternative name(s): Enoylpyruvate transferase 1 UDP-N- acetylglucosamine enolpyruvyl transferase 1 Short name= EPT 1
Expression Region	1-434
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

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