UDP-N-Acetylglucosamine 1-Carboxyvinyltransferase (murA) Vibrio Parahaemolyticus Recombinant Protein

PRODUCT OVERVIEW

Product Name	UDP-N-acetylglucosamine 1-carboxyvinyltransferase (murA), Recombinant Protein
Full Product Name	Recombinant Vibrio parahaemolyticus UDP-N-acetylglucosamine 1-carboxyvinyltransferase (murA)
Product Gene Name	murA recombinant protein
Product Synonym Gene Name	murA
Sequence	MEKFRVIGSD KPLVGEVTIS GAKNAALPIL FASILAEEPV EVANVPHLRD IDTTMELLKR LGAKVSRNGS VHVDPSSINE YCAPYDLVKT MRASIWALGP LVARFGQGQV SLPGGCAIGA RPVDLHITGL EQLGATITLE DGYVKAEVDG RLKGAHIVMD KVSVGATITI MCAAALAEGT TTLDNAAREP EIVDTADFLN KLGAKISGAG TDTITIEGVE RLGGGKHSVV ADRIETGTFL VAAAVSGGKV VCRNTNGHLL EAVLAKLEEA GALVETGEDW ISVDMTDREL KAVSIRTAPH PGFPTDMQAQ FTLLNMMAKG GGVITETIFE NRFMHVPELM RMGAKAEIEG NTVICGDVES LSGAQVMATD LRASASLVIA GCIAKGETIV DRIYHIDRGY DKIENKLAAL GANIERVS
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	44,110 Da
Sequence Positions	1-418, Full length
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q87LF4
Species	Vibrio parahaemolyticus
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for murA recombinant protein	MBS1314279 is a recombinant protein targeting murA. Also known as Recombinant Vibrio parahaemolyticus UDP-N-acetylglucosamine 1-carboxyvinyltransferase (murA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of murA recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for murA. It may not necessarily be applicable to this product.

NCBI GI #	28899432
NCBI GeneID	1190203
NCBI Accession #	NP_799037.1

UniProt Primary Accession #	Q87LF4
UniProt Related Accession #	Q87LF4
GenBank Nucleotide #	NC_004603.1
NCBI Official Full Name	UDP-N-acetylglucosamine 1-carboxyvinyltransferase
NCBI Official Symbol	VP2658
UniProt Protein Name	UDP-N-acetylglucosamine 1-carboxyvinyltransferase
UniProt Synonym Protein Names	Enoylpyruvate transferase
UniProt Gene Name	murA
UniProt Synonym Gene Names	EPT
NCBI Protein Information	UDP-N-acetylglucosamine 1-carboxyvinyltransferase
UniProt Comments for murA	Cell wall formation. Adds enolpyruvyl to UDP-N-acetylglucosamine.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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