Trna-Dihydrouridine Synthase B (dusB) Pseudomonas Syringae Pv. Tomato Recombinant Protein

PRODUCT OVERVIEW

Product Name	tRNA-dihydrouridine synthase B (dusB), Recombinant Protein
Full Product Name	Recombinant Pseudomonas syringae pv. tomato tRNA-dihydrouridine synthase B (dusB)
Product Gene Name	dusB recombinant protein
Product Synonym Gene Name	dusB
Sequence	MSAVRIGPYT VHNGLILAPM AGVTDQPFRQ LCRQLGAGLV VSEMVTSDMS LWNSRKSRLR MIHAGDPEPR SVQIAGGDAQ MMADAARANV ELGAQIIDIN MGCPAKKVCN KAAGSALLKD EQLVNDILQA VVAAVDVPVT LKIRTGWDRD NRNGLTVAKI AEQAGIQALA VHGRTRADLY TGEAEYDTIA MIKQAVSIPV FANGDIDSPE KARHVLQATG ADGLLIGRAA QGRPWIFREI EHYLLTGKTL PALQSSEVER ILLEHLAALH VFYGDVMGVR IARKHVGWYL ATLPGAREFR ALFNRLEDTE AQCANVREFF SQGCKGPDNQ NDKEVAA
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	36,600 Da
Sequence Positions	1-337, Full length protein
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 Q87VS1
Species	Pseudomonas syringae pv. tomato (strain DC3000)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for dusB recombinant protein	MBS1309963 is a recombinant protein targeting dusB. Also known as Recombinant Pseudomonas syringae pv. tomato tRNA-dihydrouridine synthase B (dusB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of dusB 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 dusB. It may not necessarily be applicable to this product.

NCBI GI #	28871979
NCBI GeneID	1186547
NCBI Accession #	NP_794598.1
UniProt Primary Accession #	Q87VS1

UniProt Related Accession #	Q87VS1
GenBank Nucleotide #	NC_004578.1
NCBI Official Full Name	hypothetical protein PSPTO_4864
NCBI Official Symbol	PSPTO_4864
UniProt Protein Name	tRNA-dihydrouridine synthase B
Protein Family	tRNA-dihydrouridine synthase
UniProt Gene Name	dusB
NCBI Protein Information	hypothetical protein
UniProt Comments for dusB	Catalyzes the synthesis of 5,6-dihydrouridine (D), a modified base found in the D-loop of most tRNAs, via the reduction of the C5-C6 double bond in target uridines.
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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