Trna-Dihydrouridine Synthase B (dusB) Pasteurella Multocida Recombinant Protein

PRODUCT OVERVIEW

Product Name	tRNA-dihydrouridine synthase B (dusB), Recombinant Protein
Full Product Name	Recombinant Pasteurella multocida tRNA-dihydrouridine synthase B (dusB)
Product Gene Name	dusB recombinant protein
Product Synonym Gene Name	dusB
Sequence	MRIGSYQLKN RIFLAPMAGI TDQPFRRICT HYGAGLTFSE MMSTNPQVWH TEKSKLRLAH HQEAGINAVQ IAGCDPDEMA KAAQINVEYG AEIIDINMGC PAKKVNRKMA GSALLQYPDL VKQILNKVVK SVTVPVTLKI RTGWDKDNRN CLEIAKIAEQ CGIQALTIHG RTRSCMFEGE AEYDNIKAVK EQLSIPIIAN GDITSAEKAK YVLDYTNADA IMIGRGSLGN PWLFRVMESL IEKDSIVLEP SLNEKCNVIL QHIQELHQFY GVEKGCRIAR KHVAWYLQGI QPNPVFRQAF NAITDPKEQL IALEGFFNLI LMDKEKNVRT TT
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	37,288 Da
Sequence Positions	1-332, 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 Q9CLW3
Species	Pasteurella multocida (strain Pm70)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for dusB recombinant protein	MBS1334064 is a recombinant protein targeting dusB. Also known as Recombinant Pasteurella multocida 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 #	38605042
NCBI Accession #	Q9CLW3.2
UniProt Primary Accession #	Q9CLW3
NCBI Official Full Name	tRNA-dihydrouridine synthase B
UniProt Protein Name	tRNA-dihydrouridine synthase B

Protein Family	tRNA-dihydrouridine synthase
UniProt Gene Name	dusB
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.
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