Trna-Modifying Protein Ygfz (Ypdsf_0617) (YPDSF_0617) Yersinia Pestis Recombinant Protein

PRODUCT OVERVIEW

Product Name	tRNA-modifying protein ygfZ (YPDSF_0617), Recombinant Protein
Full Product Name	Recombinant Yersinia pestis tRNA-modifying protein ygfZ (YPDSF_0617)
Product Gene Name	YPDSF_0617 recombinant protein
Sequence	MAYHTPFAAQ PPVASSGLPL TLISLDDWAL VTLTGADRVK YLQGQVTADI DALSADQHVL CAHCDAKGKM WSNLRLFYRG EGLAFIERRS LLDNQLSELK KYAVFSKVVI EPQPDAVLIG VAGSQAKTAL AEIFTELPSA EHPVTQMGNS TLLHFSLPAE RFLLVTDTEQ AQQLVEKLAG RAQFNDSKQW LALDIEAGFP IIDAANSAQF IPQATNIQAL NGISFTKGCY TGQEMVARAK YRGANKRALY WLAGNASRVP AAGEDLEWQL GENWRRTGTV LSAIQLNDGT VWVQAVLNND LAADSVLRVR DDALGTLAIQ PLPYSLAEDK
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	35,966 Da
Sequence Positions	1-330, 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 A4TIB4
Species	Yersinia pestis (strain Pestoides F)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for YPDSF_0617 recombinant protein	MBS1252847 is a recombinant protein targeting YPDSF_0617. Also known as Recombinant Yersinia pestis tRNA-modifying protein ygfZ (YPDSF_0617). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of YPDSF_0617 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 YPDSF_0617. It may not necessarily be applicable to this product.

NCBI GI #	488138732
NCBI Accession #	WP_002209940.1
UniProt Primary Accession #	A4TIB4
GenBank Nucleotide #	WP_002209940.1

NCBI Official Full Name	MULTISPECIES: tRNA-modifying protein YgfZ
UniProt Protein Name	tRNA-modifying protein YgfZ
UniProt Gene Name	YPDSF_0617
UniProt Comments for YPDSF_0617	Folate-binding protein involved in regulating the level of ATP-DnaA and in the modification of some tRNAs. It is probably a key factor in regulatory networks that act via tRNA modification, such as initiation of chromosomal replication.
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