Trna Pseudouridine Synthase D (truD) Yersinia Pestis Bv. Antiqua Recombinant Protein

PRODUCT OVERVIEW

Product Name	tRNA pseudouridine synthase D (truD), Recombinant Protein
Full Product Name	Recombinant Yersinia pestis bv. Antiqua tRNA pseudouridine synthase D (truD)
Product Gene Name	truD recombinant protein
Product Synonym Gene Name	truD
Sequence	MDMENLTWLH GKPTASGILK ANPEDFVVVE DLGFEPDGEG EHLLVRIRKN GCNTQFVADY LARFAKLHPR LVSYAGLKDR HAVTEQWFCL HLPGKEAPDL ATFELEGCEV LEAVRHKRKL RIGSLKGNAF TLVLRHITDR QDVEQRLQQI AAQGVPNYFG SQRFGRGGNN LVQARLWANN EIRVKERSKR SFYLSASRSA MFNLISSYRL AQQLSTTVLE GDALQLSGRG SWFVAQADEL AALQQRVTAG ELNITAPLPG DSELGTHGEA LAFEQACLAE QTELLSLIKR ERVEGSRRAV LLKPQNMISN WWDDVTLELS FWLPAGSFAT SVVREIMNQD RADDTDIIE
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	39,144 Da
Sequence Positions	1-349, 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 Q1C476
Species	Yersinia pestis bv. Antiqua (strain Antiqua)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for truD recombinant protein	MBS1438441 is a recombinant protein targeting truD. Also known as Recombinant Yersinia pestis bv. Antiqua tRNA pseudouridine synthase D (truD). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of truD 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 truD. It may not necessarily be applicable to this product.

NCBI GI #	488138185
NCBI Accession #	WP_002209393.1
UniProt Primary Accession #	Q1C476
GenBank Nucleotide #	WP_002209393.1
NCBI Official Full Name	tRNA pseudouridine(13) synthase TruD

UniProt Protein Name	tRNA pseudouridine synthase D
UniProt Synonym Protein Names	tRNA pseudouridine(13) synthase
Protein Family	Probable tRNA pseudouridine synthase
UniProt Gene Name	truD
UniProt Comments for truD	Responsible for synthesis of pseudouridine from uracil-13 in transfer RNAs.
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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