Trna Pseudouridine Synthase B (truB) Thermobifida Fusca Recombinant Protein

PRODUCT OVERVIEW

Product Name	tRNA pseudouridine synthase B (truB), Recombinant Protein
Full Product Name	Recombinant Thermobifida fusca tRNA pseudouridine synthase B (truB)
Product Gene Name	truB recombinant protein
Product Synonym Gene Name	truB
Sequence	MADGVVIVDK PAGWTSHDVV ARVRRLAGTR RVGHAGTLDP MATGVLVVGV GKATRLLGYL ALTEKVYEAT IRLGQSTTTD DAEGELLERR PADHIDEAAV HAGTRALTGV IHQVPPQVSA VKVRGQRAYR RARAGETVEL KAREVTVHEF TVTGFRRVDS PDGAFVDVDA RVTCSSGTYI RSLARDLGAD LGVGGHLTAL RRTRVGPYTV EQAATLDELA AEFTVMPLAE AVAAAFPVRR LSAGEARRVV HGHRISPSGH SGPVGLFAPD GRVLALAENR SGSSQPVVVF AGS
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	30,958 Da
Sequence Positions	1-293, 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 Q47RU8
Species	Thermobifida fusca (strain YX)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for truB recombinant protein	MBS1471531 is a recombinant protein targeting truB. Also known as Recombinant Thermobifida fusca tRNA pseudouridine synthase B (truB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of truB 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 truB. It may not necessarily be applicable to this product.

NCBI GI #	499610494
NCBI Accession #	WP_011291228.1
UniProt Primary Accession #	Q47RU8
GenBank Nucleotide #	WP_011291228.1
NCBI Official Full Name	tRNA pseudouridine(55) synthase TruB

UniProt Protein Name	tRNA pseudouridine synthase B
UniProt Synonym Protein Names	tRNA pseudouridine(55) synthase
Protein Family	Probable tRNA pseudouridine synthase
UniProt Gene Name	truB
UniProt Synonym Gene Names	Psi55 synthase
UniProt Comments for truB	Responsible for synthesis of pseudouridine from uracil-55 in the psi GC loop of 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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