Trna Pseudouridine Synthase A 2 (truA2) Desulfotalea Psychrophila Recombinant Protein

PRODUCT OVERVIEW

Product Name	tRNA pseudouridine synthase A 2 (truA2), Recombinant Protein
Full Product Name	Recombinant Desulfotalea psychrophila tRNA pseudouridine synthase A 2 (truA2)
Product Gene Name	truA2 recombinant protein
Product Synonym Gene Name	truA2
Sequence	MNYFRVKIAY KGTHYFGWQA QSIDTLHEEK PTVEGTILNA LKKITNYQPC TVSGASRTDG GVHARGQIAK ITISQKISPE HLLLGLNSLL PTDIRILECV PSTKEYQASR GSVSKEYHYY FIASPVDNVA TSDIALHLPI DSIGPDDLAL LRSACRLFVG RHDFYNFSSR GSGTSFREIF YCDIHRANFS PLANDMFYLK IIGDGFLKYM IRYIMGALLE LVRGRIVLDD ISLYLQQHQE DKLSPRAKAK GLHLIRIEGP K
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	29,428 Da
Sequence Positions	1-261, 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 Q6AKP0
Species	Desulfotalea psychrophila (strain LSv54 / DSM 12343)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for truA2 recombinant protein	MBS1340654 is a recombinant protein targeting truA2. Also known as Recombinant Desulfotalea psychrophila tRNA pseudouridine synthase A 2 (truA2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of truA2 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 truA2. It may not necessarily be applicable to this product.

NCBI GI #	499502957
NCBI Accession #	WP_011189597.1
UniProt Primary Accession #	Q6AKP0
GenBank Nucleotide #	WP_011189597.1
NCBI Official Full Name	tRNA pseudouridine synthase A

UniProt Protein Name	tRNA pseudouridine synthase A 2
UniProt Synonym Protein Names	tRNA pseudouridine(38-40) synthase
Protein Family	tRNA pseudouridine synthase
UniProt Gene Name	truA2
UniProt Comments for truA2	Formation of pseudouridine at positions 38, 39 and 40 in the anticodon stem and 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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