Trna 2'-Phosphotransferase 1 (TRPT1) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	tRNA 2'-phosphotransferase 1 (TRPT1), Recombinant Protein
Full Product Name	Recombinant Bovine tRNA 2'-phosphotransferase 1 (TRPT1)
Product Gene Name	TRPT1 recombinant protein
Product Synonym Gene Name	TRPT1
Sequence	MNSFGGRRRE TAGPKGRRAH RPPQDQDRDV QLSKALSYAL RHGALKLGLP MGADGFVPLD ALLQLPQFRS FSAEDVQRVV DTNVKQRFAL QPGDPSTGPL IRANQGHSLQ VPELELEPLE TPQALPLMLV HGTFRQHWPS ILLKGLSCRG RTHIHLAPGL PGDPGVISGM RPNCEVAVFI NGPLALADGI PFFRSTNGVI LTPGNADGVL PPKYFKEALQ LRPTRKPLSL AGNEEKEHQR DSKHSSRGRG MTQQ
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	27,791 Da
Sequence Positions	1-254, 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 Q3ZBM7
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TRPT1 recombinant protein	MBS1280591 is a recombinant protein targeting TRPT1. Also known as Recombinant Bovine tRNA 2'-phosphotransferase 1 (TRPT1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TRPT1 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 TRPT1. It may not necessarily be applicable to this product.

NCBI GI #	124053418
NCBI Accession #	Q3ZBM7.3
UniProt Primary Accession #	Q3ZBM7
NCBI Official Full Name	tRNA 2'-phosphotransferase 1
UniProt Protein Name	tRNA 2'-phosphotransferase 1

Protein Family	tRNA 2'-phosphotransferase
UniProt Gene Name	TRPT1
UniProt Comments for TRPT1	Catalyzes the last step of tRNA splicing, the transfer of the splice junction 2'-phosphate from ligated tRNA to NAD to produce ADP-ribose 1''-2'' cyclic phosphate.
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