Trna (Guanine-N (7)-)-Methyltransferase (trmB) Nitrobacter Winogradskyi Recombinant Protein

PRODUCT OVERVIEW

Product Name	tRNA (guanine-N (7)-)-methyltransferase (trmB), Recombinant Protein
Full Product Name	Recombinant Nitrobacter winogradskyi tRNA (guanine-N (7)-)-methyltransferase (trmB)
Product Gene Name	trmB recombinant protein
Product Synonym Gene Name	trmB
Sequence	MTVVVSDHQN PRPPGDDAAP LGRTGNRDRP PGSFFGRRKG HRLRPHQNDL VAQLLPRLGF DPARIGPSGP AALFDPPVDE TRIEIGFGGG EHLVAEALAF PRAGFIGCEP YVNGMAKILV QIEAHAIRNI RLFAGDASQL LACLPPASLA RIDLIHPDPW PKRRHWKRRF VQDATVAEMA RVLRPEGEFR FVSDIDDYCA WTLTHLARSP DFLWLAERSA DWQDPWSGYT MTRYGRKAMR EGRRAAYLRF RRERTAV
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	29,020 Da
Sequence Positions	1-257, 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 Q3SWQ3
Species	Nitrobacter winogradskyi (strain Nb-255 / 25391)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for trmB recombinant protein	MBS1329903 is a recombinant protein targeting trmB. Also known as Recombinant Nitrobacter winogradskyi tRNA (guanine-N (7)-)-methyltransferase (trmB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of trmB 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 trmB. It may not necessarily be applicable to this product.

NCBI GI #	499632625
NCBI Accession #	WP_011313359.1
UniProt Primary Accession #	Q3SWQ3
GenBank Nucleotide #	WP_011313359.1

NCBI Official Full Name	tRNA (guanosine(46)-N7)-methyltransferase TrmB
UniProt Protein Name	tRNA (guanine-N(7)-)-methyltransferase
UniProt Synonym Protein Names	tRNA (guanine(46)-N(7))-methyltransferase
Protein Family	Bifunctional glycosyltransferase/methyltransferase
UniProt Gene Name	trmB
UniProt Comments for trmB	Catalyzes the formation of N7-methylguanine at position 46 (m7G46) in tRNA.
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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