Trna1 (Val) (Adenine (37)-N6)-Methyltransferase (yfiC) Shigella Flexneri Serotype 5b Recombinant Protein

PRODUCT OVERVIEW

Product Name	tRNA1 (Val) (adenine (37)-N6)-methyltransferase (yfiC), Recombinant Protein
Full Product Name	Recombinant Shigella flexneri serotype 5b tRNA1 (Val) (adenine (37)-N6)-methyltransferase (yfiC)
Product Gene Name	yfiC recombinant protein
Product Synonym Gene Name	yfiC
Sequence	MSQSTSVLRR NGFTFKQFFV AHDRCAMKVG TDGILLGAWA PVAGVKRCLD IGAGSGLLAL MLAQRTSDSV IIDAVELESE AAAQAQENIN QSPWAERINV HTADIQQWIT QQTVRFDLII SNPPYYQQGV ECATPQREQA RYTTTLDHPS LLTCAAECIT EEGFFCVVLP EQIGNGFTEL ALSMGWHLRL RTDVAENEAR LPHRVLLAFS PQAGECFSDR LVIRGPDQNY SEAYTALTQA FYLFM
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	27,208 Da
Sequence Positions	1-245, 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 Q0T1T1
Species	Shigella flexneri serotype 5b (strain 8401)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for yfiC recombinant protein	MBS1306212 is a recombinant protein targeting yfiC. Also known as Recombinant Shigella flexneri serotype 5b tRNA1 (Val) (adenine (37)-N6)-methyltransferase (yfiC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of yfiC 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 yfiC. It may not necessarily be applicable to this product.

NCBI GI #	485653966
NCBI Accession #	WP_001298974.1
UniProt Primary Accession #	Q0T1T1
GenBank Nucleotide #	WP_001298974.1

NCBI Official Full Name	MULTISPECIES: tRNA (adenosine(37)-N6)-methyltransferase TrmM
UniProt Protein Name	tRNA1(Val) (adenine(37)-N6)-methyltransferase
UniProt Synonym Protein Names	tRNA m6A37 methyltransferase
Protein Family	tRNA1(Val)
UniProt Gene Name	yfiC
UniProt Comments for yfiC	Specifically methylates the adenine in position 37 of tRNA1(Val) (anticodon cmo5UAC).
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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