Trna Guanosine-2'-O-Methyltransferase TRM13 (TRM13) Debaryomyces Hansenii Recombinant Protein

PRODUCT OVERVIEW

Product Name	tRNA guanosine-2'-O-methyltransferase TRM13 (TRM13), Recombinant Protein
Full Product Name	Recombinant Debaryomyces hansenii tRNA guanosine-2'-O-methyltransferase TRM13 (TRM13)
Product Gene Name	TRM13 recombinant protein
Product Synonym Gene Name	TRM13; DEHA2E17446g
Product Synonym Names	tRNA guanosine-2'-O-methyltransferase TRM13; EC=2.1.1.225; tRNA [Gm4] methyltransferase; tRNA methylase 13; tRNA:m(4)X modification enzyme
Sequence	MANIDKEVLA SQPDEISKDQ KRRKLNKHEK KERTHLQCEY FIAKKNRRCC MQRKADRKYC SEHLVDNNEP DKGERVPCPL DNNHSVWSKN LTNHLKKCNA KPKENEEIWY EKDLNTKLGV DITEDSFKND GNDNDNEDDD LNEKELYEKY IPILRNIKDH FEPLGFSISK HSGLKNRLSE VSNQKHAIQQ SSLIGNMKKR GLLDINKFYL EFGCGKGELS RFVNLSVLED LQVKDLAGKS KYGYGFIDRG VNRMKMDSKI VKDAKENTIE VNITTKRSKI DIKDLHVDKF LKDIDPEHVV VISKHLCGAA TDLTFKSLLN SSLLQGNSDK FGGLLIAMCC RHVCAYDQLL PESRAFLQSK GFRSLSSFNI LKKIVSWAVC GKRDGTNEES TGEHISGLTF KEREELGLVA RRLIDESRVF AMNLLVNPLG FHTEMFWYVE KEITLENVCL CIIPDSN
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	52,466 Da
Sequence Positions	1-457aa; 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 Q6BP10
Species	Debaryomyces hansenii (strain 36239 / CBS 767 / JCM 1990 / NBRC 0083 / IGC 2968) (Yeast) (Torulaspora hansenii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TRM13 recombinant protein	MBS1387244 is a recombinant protein targeting TRM13. Also known as Recombinant Debaryomyces hansenii tRNA guanosine-2'-O-methyltransferase TRM13 (TRM13). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TRM13 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 TRM13. It may not necessarily be applicable to this product.

NCBI GI #	294657760

NCBI GeneID	2902249
NCBI Accession #	XP_460060.2
UniProt Primary Accession #	Q6BP10
UniProt Related Accession #	Q6BP10
GenBank Nucleotide #	XM_460060.1
NCBI Official Full Name	DEHA2E17446p
NCBI Official Symbol	DEHA2E17446g
UniProt Protein Name	tRNA:m(4)X modification enzyme TRM13
UniProt Synonym Protein Names	tRNA methylase 13
Protein Family	tRNA:m(4)X modification enzyme
UniProt Gene Name	TRM13
UniProt Entry Name	TRM13_DEBHA
NCBI Protein Information	DEHA2E17446p
UniProt Comments for TRM13	tRNA methylase which 2'-O-methylates cytidine4 in tRNA(Pro) and tRNA(Gly)(GCC), and adenosine4 in tRNA(His).
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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