16s Rrna (Guanine (1405)-N (7))-Methyltransferase (KRM) Frankia Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	16S rRNA (guanine (1405)-N (7))-methyltransferase (Krm), Recombinant Protein
Full Product Name	Recombinant Frankia sp. 16S rRNA (guanine (1405)-N (7))-methyltransferase (Krm)
Product Gene Name	Krm recombinant protein
Product Synonym Gene Name	Krm
Sequence	MAVRDGGGSA PVGSQEQAVD RVRETVARSR RYGAVAPETV RRLAERALVA SRGDEPEAVK RTKRSLHEIY GAYLPERAPG YPGLLRDIGA AVGGGDPDAV AAAVSRAMRV HASTRERLPY LREFYAAVFG AVPTPAVVQD LACGLNPLAF GSMGLPAQTT YLASDIDSQQ MEFLDRALDL LEVEHRVEVV DLVSGAVPAQ HADVTLVLKT LPLLERQRAG AGWELVDALR SPFVVVSFPT RSLGQRSKGM FQTYSAAFEA QAAERGWTFD QAEIANELIY IVRR
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	30,774 Da
Sequence Positions	1-284, 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 Q2J7L5
Species	Frankia sp. (strain CcI3)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Krm recombinant protein	MBS1333887 is a recombinant protein targeting Krm. Also known as Recombinant Frankia sp. 16S rRNA (guanine (1405)-N (7))-methyltransferase (Krm). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Krm 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 Krm. It may not necessarily be applicable to this product.

NCBI GI #	499757019
NCBI Accession #	WP_011437753.1
UniProt Primary Accession #	Q2J7L5
GenBank Nucleotide #	WP_011437753.1
NCBI Official Full Name	MULTISPECIES: 16S rRNA (guanine(1405)-N(7))-methyltransferase

UniProt Protein Name	16S rRNA (guanine(1405)-N(7))-methyltransferase
UniProt Synonym Protein Names	16S rRNA m7G1405 methyltransferase
Protein Family	16S rRNA
UniProt Gene Name	Krm
UniProt Comments for Krm	Specifically methylates the N7 position of guanine 1405 in 16S rRNA. Confers resistance to various aminoglycosides, including gentamicin and kanamycin.
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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