Methylthioribose-1-Phosphate Isomerase (Rcom_0711420) (RCOM_0711420) Ricinus Communis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Methylthioribose-1-phosphate isomerase (RCOM_0711420), Recombinant Protein
Full Product Name	Recombinant Ricinus communis Methylthioribose-1-phosphate isomerase (RCOM_0711420)
Product Gene Name	RCOM_0711420 recombinant protein
Sequence	MANNSNSGSE LEVDDTLQSI CYNRGSLKLL DQRKLPLETE FLDIRNSSDG WSAIREMVVR GAPAIAIAAA LSLAVEVFNF DDFTGTSNDA ASFLFKKLEY LVSSRPTAVN LSDAANKLKE VIYKAAATAS DSNSVFQAYI EAAEIMLKDD IASNKAIGSH GASFIQNQLK NPQRLSILTH CNTGSLATAG YGTALGVIRA LHAAGVLRRA YCTETRPFNQ GSRLTAFELV HEKIPATLVA DSAAAALMKD DQVSAVIVGA DRVAANGDTA NKIGTYSLAL CAMHHNIPFY VAAPLTSVDL SLSSGKHIVI EERSPKELLN SRGGLGEQVA ASGISVWNPA FDVTPANLIS GIITEKGVIT KIDSSDFDIK NFVKRTAGQS VA
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	40,597 Da
Sequence Positions	1-382, 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 B9RR88
Species	Ricinus communis (Castor bean)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RCOM_0711420 recombinant protein	MBS1263276 is a recombinant protein targeting RCOM_0711420. Also known as Recombinant Ricinus communis Methylthioribose-1-phosphate isomerase (RCOM_0711420). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of RCOM_0711420 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 RCOM_0711420. It may not necessarily be applicable to this product.

NCBI GI #	255550413
NCBI GeneID	8281157
NCBI Accession #	XP_002516257.1

UniProt Primary Accession #	B9RR88
UniProt Related Accession #	B9RR88
GenBank Nucleotide #	XM_002516211.2
NCBI Official Full Name	methylthioribose-1-phosphate isomerase
NCBI Official Symbol	LOC8281157
NCBI Official Synonym Symbols	M1Pi
UniProt Protein Name	Methylthioribose-1-phosphate isomerase
UniProt Synonym Protein Names	S-methyl-5-thioribose-1-phosphate isomerase
UniProt Gene Name	RCOM_0711420
UniProt Synonym Gene Names	M1Pi; MTR-1-P isomerase
NCBI Protein Information	methylthioribose-1-phosphate isomerase
UniProt Comments for RCOM_0711420	Catalyzes the interconversion of methylthioribose-1-phosphate (MTR-1-P) into methylthioribulose-1-phosphate (MTRu-1-P).
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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