Ribosomal N-Lysine Methyltransferase 5 (RKM5) Saccharomyces Cerevisiae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribosomal N-lysine methyltransferase 5 (RKM5), Recombinant Protein
Full Product Name	Recombinant Saccharomyces cerevisiae Ribosomal N-lysine methyltransferase 5 (RKM5)
Product Gene Name	RKM5 recombinant protein
Sequence	MAFKLWLLDE ETIYEHVFER YTQLEGQSGK LAQDLGIQDR RGGVLEITFE PSGLEGGRKK KRVRRRNKAS SVEEDQNVAV DSYHVSVGQS ISSLHSSRDN GNSTTGYVLW STTPFFINWL LYSTSAAPFR LGSQVEVTCG SSCEGHMLEL PRLIDLTGAD RGKRGILELG AGISGILPVI LGNFVDTYVS TDQKGILNKL KDNIMENLSQ LTRKRCISRS LRLELPTVEP VGDADITAAS LPSKSTLHLE VAALDWEKIN LQDKKTHSLH PELSLIGETC SSVYVIAMDV IYNEYLIDPF LKTLKQLKHW LQTTYNLQFH VLVGIHLRSQ EVTTLFLEKA IIEYDFTVYD IVDQVIQESR FNFYLIT
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	41,390 Da
Sequence Positions	1-367, Full length
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 C8ZDA6
Species	Saccharomyces cerevisiae (strain Lalvin EC1118 / Prise de mousse) (Baker's yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RKM5 recombinant protein	MBS1260846 is a recombinant protein targeting RKM5. Also known as Recombinant Saccharomyces cerevisiae Ribosomal N-lysine methyltransferase 5 (RKM5). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of RKM5 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 RKM5. It may not necessarily be applicable to this product.

NCBI GI #	342165358
NCBI Accession #	C8ZDA6.1
UniProt Primary Accession #	C8ZDA6
NCBI Official Full Name	Ribosomal lysine N-methyltransferase 5

UniProt Protein Name	Ribosomal lysine N-methyltransferase 5
Protein Family	Ribosomal lysine N-methyltransferase
UniProt Gene Name	RKM5
UniProt Comments for RKM5	S-adenosyl-L-methionine-dependent protein-lysine N-methyltransferase that monomethylates 60S ribosomal protein L1 (RPL1A and RPL1B) at 'Lys-46'.
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