Probable Protein Arginine N-Methyltransferase (Spac890.07c) (SPAC890.07c) Schizosaccharomyces Pombe Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable protein arginine N-methyltransferase (SPAC890.07c), Recombinant Protein
Full Product Name	Recombinant Schizosaccharomyces pombe Probable protein arginine N-methyltransferase (SPAC890.07c)
Product Gene Name	SPAC890.07c recombinant protein
Product Synonym Gene Name	SPAC890.07c
Sequence	MPGNTKKSAD SGLTAKDYYF DSYSHWGIHE EMLKDDVRTL SYRDAIMQNP HLFRDKIVLD VGCGTGILSM FCARAGAKHV YGVDMSEIIH KAVQIVEVNK LSDRITLIQG KMEEIQLPVE KVDIIVSEWM GYFLLYESML DTVLVARDRY LAPDGLLFPD RAQIQLAAIE DADYKSEKIG FWDDVYGFDF SPIKKDVWKE PLVDTVDRIA VNTNSCVILD LDLKTVKKED LAFSSPFEIT ATRNDFVHAF LAWFDIEFSA CHKPIKFSTG PFSRYTHWKQ TVFYTHKDLT VKAGEYIRGT ITCKPAEGNH RELDIDISYT FNPREPNREP VSEDLSYRMC
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	39,019 Da
Sequence Positions	1-340, 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 Q9URX7
Species	Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SPAC890.07c recombinant protein	MBS1308024 is a recombinant protein targeting SPAC890.07c. Also known as Recombinant Schizosaccharomyces pombe Probable protein arginine N-methyltransferase (SPAC890.07c). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SPAC890.07c 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 SPAC890.07c. It may not necessarily be applicable to this product.

NCBI GI #	295443078
NCBI GeneID	2543492
NCBI Accession #	NP_594825.2

UniProt Primary Accession #	Q9URX7
GenBank Nucleotide #	NM_001020254.3
NCBI Official Full Name	type I protein arginine N-methyltransferase Rmt1
NCBI Official Symbol	rmt1
UniProt Protein Name	Protein arginine N-methyltransferase 1
UniProt Synonym Protein Names	Type I protein arginine N-methyltransferase
UniProt Gene Name	rmt1
UniProt Synonym Gene Names	Type I PRMT
NCBI Protein Information	type I protein arginine N-methyltransferase Rmt1
UniProt Comments for SPAC890.07c	S-adenosyl-L-methionine-dependent protein-arginine N-methyltransferase that catalyzes both the mono- and asymmetric (type I) dimethylation of the guanidino nitrogens of arginine residues in target proteins (). Asymmetrically dimethylates the polyadenylate-binding protein pab2, modulating pab2 oligomerization (PubMed:17213188).
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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