Protein Arginine N-Methyltransferase Skb1 (skb1) Schizosaccharomyces Pombe Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein arginine N-methyltransferase skb1 (skb1), Recombinant Protein
Full Product Name	Recombinant Schizosaccharomyces pombe Protein arginine N-methyltransferase skb1 (skb1), partial
Product Gene Name	skb1 recombinant protein
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	73,167 Da
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 P78963
Species	Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for skb1 recombinant protein	MBS1253233 is a recombinant protein targeting skb1. Also known as Recombinant Schizosaccharomyces pombe Protein arginine N-methyltransferase skb1 (skb1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of skb1 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 skb1. It may not necessarily be applicable to this product.

NCBI GI #	19112728
NCBI GeneID	2540099
NCBI Accession #	NP_595936.1
UniProt Primary Accession #	P78963
UniProt Secondary Accession #	O42946
GenBank Nucleotide #	NM_001021844.2
NCBI Official Full Name	type II protein arginine N-methyltransferase Skb1
NCBI Official Symbol	skb1
UniProt Protein Name	Protein arginine N-methyltransferase skb1

UniProt Synonym Protein Names	Shk1 kinase-binding protein 1
Protein Family	Protein arginine N-methyltransferase
UniProt Gene Name	skb1
UniProt Synonym Gene Names	Type II PRMT
NCBI Protein Information	type II protein arginine N-methyltransferase Skb1
UniProt Comments for skb1	S-adenosyl-L-methionine-dependent protein-arginine N-methyltransferase that can catalyze both the mono- and symmetric (type II) dimethylation of the guanidino nitrogens of arginine residues in target proteins (). Positively modulates the shk1 kinase function. May be a mediator of hyperosmotic stress response (PubMed:11278267).
Research Articles on skb1	**1.** Data show that the protein Skb1 interacted with both Cdr1 and the Cdr1 inhibitory target Wee1.
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