Putative Hydroxymethylpyrimidine/Phosphomethylpyrimidine Kinase C18b5.05c (Spcc18b5.05c) (SPCC18B5.05c) Schizosaccharomyces Pombe Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative hydroxymethylpyrimidine/phosphomethylpyrimidine kinase C18B5.05c (SPCC18B5.05c), Recombinant Protein
Full Product Name	Recombinant Schizosaccharomyces pombe Putative hydroxymethylpyrimidine/phosphomethylpyrimidine kinase C18B5.05c (SPCC18B5.05c)
Product Gene Name	SPCC18B5.05c recombinant protein
Product Synonym Gene Name	SPCC18B5.05c
Sequence	MEANQSHNAK TNHPTCLTIA GSDCSGAAGI QADLKVMTAH QVYGMSVLTA LTCQNSHGIT GIYPLHPSLI QRQIDACLSD IQCRVVKIGM LPDPKSIPVI SQALTKYKIT DVVMDSVIIS SMGNVMCETP TIPATIQHLF PHLLVYASNV MEAFILVEKT LKKSPPPLKS FPDIQNLMSI IHRLGPKFVV LRGHHVAFDK NMMITEKPDS KSWTADLIYD GKEFYIFEKP YNTTKSIHGE SCSLTAAIAS NLACNIPPLQ AIHEALYSIE WAIQRVHKKS SDPYKSAQLF TALGHSSKFS GSLISLKSEN YIPQADLTSV LLSHIPS
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	35,840 Da
Sequence Positions	1-327, 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 Q9USL6
Species	Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SPCC18B5.05c recombinant protein	MBS1353764 is a recombinant protein targeting SPCC18B5.05c. Also known as Recombinant Schizosaccharomyces pombe Putative hydroxymethylpyrimidine/phosphomethylpyrimidine kinase C18B5.05c (SPCC18B5.05c). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SPCC18B5.05c 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 SPCC18B5.05c. It may not necessarily be applicable to this product.

NCBI GI #	19075435
NCBI GeneID	2539014

NCBI Accession #	NP_587935.1
UniProt Primary Accession #	Q9USL6
GenBank Nucleotide #	NM_001022926.2
NCBI Official Full Name	phosphomethylpyrimidine kinase (predicted)
NCBI Official Symbol	SPCC18B5.05c
UniProt Protein Name	Putative hydroxymethylpyrimidine/phosphomethylpyrimidine kinase C18B5.05c
UniProt Synonym Protein Names	Hydroxymethylpyrimidine kinase; HMP kinase; Hydroxymethylpyrimidine phosphate kinase; HMP-P kinase; HMP-phosphate kinase; HMPP kinase
Protein Family	Putative hydroxymethylpyrimidine/phosphomethylpyrimidine kinase
UniProt Gene Name	SPCC18B5.05c
UniProt Synonym Gene Names	HMP kinase; HMP-P kinase; HMP-phosphate kinase; HMPP kinase
NCBI Protein Information	phosphomethylpyrimidine kinase (predicted)
UniProt Comments for SPCC18B5.05c	Catalyzes the phosphorylation of hydroxymethylpyrimidine phosphate (HMP-P) to HMP-PP, and of HMP to HMP-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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