UPF0001 Protein C644.09 (Spac644.09) (SPAC644.09) Schizosaccharomyces Pombe Recombinant Protein

PRODUCT OVERVIEW

Product Name	UPF0001 protein C644.09 (SPAC644.09), Recombinant Protein
Full Product Name	Recombinant Schizosaccharomyces pombe UPF0001 protein C644.09 (SPAC644.09)
Product Gene Name	SPAC644.09 recombinant protein
Product Synonym Gene Name	SPAC644.09
Sequence	MSTIHSCLDL IRSQIQQSAN GRNVLLVAVS KFHPVETLME AYNAGQRHFG ENYMQEFLKK VELMPDDVQW HFIGSLQSSK CKKIASVKNL YSIETIDTEK KARLVNSARE ALQLPLNVYI QVNTSGEENK GGVTPSKVLE LCKQVQDMKY LRLKGLMTIG SISNSQLSDH NPDFQVLSDL RESLQNELGI PLQLSMGMSS DYLLAIKYGS DSVRVGSSIF GSRPTEKPSD VHISASK
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	26,393 Da
Sequence Positions	1-237, 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 Q9P6Q1
Species	Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SPAC644.09 recombinant protein	MBS1284768 is a recombinant protein targeting SPAC644.09. Also known as Recombinant Schizosaccharomyces pombe UPF0001 protein C644.09 (SPAC644.09). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SPAC644.09 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 SPAC644.09. It may not necessarily be applicable to this product.

NCBI GI #	19114789
NCBI GeneID	2543658
NCBI Accession #	NP_593877.1
UniProt Primary Accession #	Q9P6Q1

GenBank Nucleotide #	NM_001019307.2
NCBI Official Full Name	alanine racemase (predicted)
NCBI Official Symbol	SPAC644.09
UniProt Protein Name	Pyridoxal phosphate homeostasis protein
Protein Family	UPF0001 protein
UniProt Gene Name	SPAC644.09
UniProt Synonym Gene Names	PLP homeostasis protein
NCBI Protein Information	alanine racemase (predicted)
UniProt Comments for SPAC644.09	Pyridoxal 5'-phosphate (PLP)-binding protein, which may be involved in intracellular homeostatic regulation of pyridoxal 5'-phosphate (PLP), the active form of vitamin B6.
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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