Actin Cytoskeleton-Regulatory Complex Protein Pan1 (pan1) Schizosaccharomyces Pombe Recombinant Protein

PRODUCT OVERVIEW

Product Name	Actin cytoskeleton-regulatory complex protein pan1 (pan1), Recombinant Protein
Full Product Name	Recombinant Schizosaccharomyces pombe Actin cytoskeleton-regulatory complex protein pan1 (pan1), partial
Product Gene Name	pan1 recombinant protein
Product Synonym Gene Name	pan1
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	193,279 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 Q10172
Species	Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pan1 recombinant protein	MBS1345522 is a recombinant protein targeting pan1. Also known as Recombinant Schizosaccharomyces pombe Actin cytoskeleton-regulatory complex protein pan1 (pan1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pan1 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 pan1. It may not necessarily be applicable to this product.

NCBI GI #	162312536
NCBI GeneID	5802955
NCBI Accession #	XP_001713105.1
UniProt Primary Accession #	Q10172
UniProt Secondary Accession #	Q9USC5
GenBank Nucleotide #	XM_001713053.2
NCBI Official Symbol	pan1
UniProt Protein Name	Actin cytoskeleton-regulatory complex protein pan1

Protein Family	Actin cytoskeleton-regulatory complex protein
UniProt Gene Name	pan1
NCBI Protein Information	actin cortical patch component, with EF hand and WH2 motif Panl (predicted)
UniProt Comments for pan1	Component of the PAN1 actin cytoskeleton-regulatory complex required for the internalization of endosomes during actin-coupled endocytosis. The complex links the site of endocytosis to the cell membrane-associated actin cytoskeleton. Mediates uptake of external molecules and vacuolar degradation of plasma membrane proteins. Plays a role in the proper organization of the cell membrane-associated actin cytoskeleton and promotes its destabilization ().
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