Mrna Export Protein 33 (mep33) Schizosaccharomyces Pombe Recombinant Protein

PRODUCT OVERVIEW

Product Name	mRNA export protein 33 (mep33), Recombinant Protein
Full Product Name	Recombinant Schizosaccharomyces pombe mRNA export protein 33 (mep33)
Product Gene Name	mep33 recombinant protein
Product Synonym Gene Name	mep33
Sequence	MPPKKAAKGK GDPGKAAKKD PTKKAADATF GLKNKNRSTK VQAKIRQIEQ NAAASGSKDA KRQEALRKRR EEEKRAAEAA KAEVAALFNA IPKKQTPQNF LTRKEEVKES QKIDLYSDVR DQQTDLPLEK RPWINTDIVC KFFLEACETG KYGWLWQCPN GNMTCIYKHA LPYGYVLSRD KKKDDTKEEI SLEAFIEIER HRLGPNLTPV TEENFKKWSD GRRDRILKQA EERRSNRAVG RSNLSGREYF ESNKDKTHEV VGDEEDWDFS ALRRETEALA KAQDATAPIV SV
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	33,282 Da
Sequence Positions	1-292, 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 Q9USV4
Species	Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mep33 recombinant protein	MBS1355769 is a recombinant protein targeting mep33. Also known as Recombinant Schizosaccharomyces pombe mRNA export protein 33 (mep33). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mep33 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 mep33. It may not necessarily be applicable to this product.

NCBI GI #	19112455
NCBI GeneID	2540400
NCBI Accession #	NP_595663.1
UniProt Primary Accession #	Q9USV4
UniProt Secondary Accession #	P78845; P78935

GenBank Nucleotide #	NM_001021558.2
NCBI Official Full Name	mRNA export protein Mep33
NCBI Official Symbol	mep33
UniProt Protein Name	mRNA export protein 33
Protein Family	mRNA export protein
UniProt Gene Name	mep33
NCBI Protein Information	mRNA export protein Mep33
UniProt Comments for mep33	Functions as a component of the nuclear pore complex (NPC). NPC components, collectively referred to as nucleoporins (NUPs), can play the role of both NPC structural components and of docking or interaction partners for transiently associated nuclear transport factors. Active directional transport is assured by both, a Phe-Gly (FG) repeat affinity gradient for these transport factors across the NPC and a transport cofactor concentration gradient across the nuclear envelope. Involved in the export of mRNA from the nucleus to the cytoplasm. May play a role in mitotic spindle formation and/or function.
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