MAGUK P55 Subfamily Member 5 (MPP5) Pongo Abelii Recombinant Protein

PRODUCT OVERVIEW

Product Name	MAGUK p55 subfamily member 5 (MPP5), Recombinant Protein
Full Product Name	Recombinant Pongo abelii MAGUK p55 subfamily member 5 (MPP5), partial
Product Gene Name	MPP5 recombinant protein
Product Synonym Gene Name	MPP5
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	77,234 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 Q5RDQ2
Species	Pongo abelii (Sumatran orangutan)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MPP5 recombinant protein	MBS1350827 is a recombinant protein targeting MPP5. Also known as Recombinant Pongo abelii MAGUK p55 subfamily member 5 (MPP5), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MPP5 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 MPP5. It may not necessarily be applicable to this product.

NCBI GI #	197099322
NCBI GeneID	100171889
NCBI Accession #	NP_001125010.1
UniProt Primary Accession #	Q5RDQ2
UniProt Related Accession #	Q5RDQ2
GenBank Nucleotide #	NM_001131538.1
NCBI Official Full Name	MAGUK p55 subfamily member 5
NCBI Official Symbol	MPP5
UniProt Protein Name	MAGUK p55 subfamily member 5

Protein Family	MAGUK p55 subfamily
UniProt Gene Name	MPP5
NCBI Protein Information	MAGUK p55 subfamily member 5
UniProt Comments for MPP5	May play a role in tight junctions biogenesis and in the establishment of cell polarity in epithelial cells. May modulate SC6A1/GAT1-mediated GABA uptake by stabilizing the transporter. Required for localization of EZR to the apical membrane of parietal cells and may play a role in the dynamic remodeling of the apical cytoskeleton ().
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