

Recombinant Full Length Human MPP6 Protein, GST-tagged

Cat. No. MPP6-6330HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MPP6 full-length ORF (AAH23638, 1 a.a. - 540 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	540 amino acids
Description	Members of the peripheral membrane-associated guanylate kinase (MAGUK) family function in tumor suppression and receptor clustering by forming multiprotein complexes containing distinct sets of transmembrane, cytoskeletal, and cytoplasmic signaling proteins. All MAGUKs contain a PDZ-SH3-GUK core and are divided into 4 subfamilies, DLG-like (see DLG1; MIM 601014), ZO1-like (see TJP1; MIM 601009), p55-like (see MPP1; MIM 305360), and LIN2-like (see CASK; MIM 300172), based on their size and the presence of additional domains. MPP6 is a member of the p55-like MAGUK subfamily (Tseng et al., 2001 [PubMed 11311936]).[supplied by OMIM
Molecular Mass	85.14 kDa
AA Sequence	MQQVLENLTLPSSSTGAEEDLIFLKGIMENPIVKSLAKAHERLEDSKLEAVSDNNLELVNEILEDITPLINVDENVAELVGILKEPHFQSLLEAHDIVASKCYDSPSSPEMNNSSINNQLLPVDAIRILGIHKRAGEPLGVTFRVENNDLVIARILHGGMIDRQGLLHVGDIIKEVNGHEVGNNPKELQELLKNISGSVTLKILPSYRDTITPQQVFVKCHFDPYNDNLIPCKEAGLKFSKGEILQIVNREDPNWWQASHVKEGGSAGLIPSQFLEEKRKAFVRRDWDN

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SGPFCGTISSKKKKKMMYLTTTRNAEFDRHEIQIYEEVAKMPPFQRKTLVLIGAQGVG
RRSLKNRFIVLNPTRFGTTVPFTSRKPREDEKDGQAYKFVSRSEMEADIKAGKYLEH
GEYEGNLYGTKIDSILEVVQTGRTCILDVNPQALKVLRITSEFMPYVVFIAAPELETLRA
MHKAVVDAGITTKLLTDSLKKTVDDESARIQRAYNHYFDLIINDNLDKAFEKLQTAIEK
LRMEPQWVPISWVY

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

MPP6 membrane protein, palmitoylated 6 (MAGUK p55 subfamily member 6) [Homo sapiens]

Official Symbol

MPP6

Synonyms

MPP6; membrane protein, palmitoylated 6 (MAGUK p55 subfamily member 6);
MAGUK p55 subfamily member 6; p55T; PALS2; VAM 1; MAGUK protein p55T;
VELI-associated MAGUK 1; protein associated with Lin7 2; VAM1; VAM-1;

Gene ID

51678

mRNA Refseq

NM_016447

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Protein Refseq	NP_057531
MIM	606959
UniProt ID	Q9NZW5

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