

Recombinant Full Length Human MPP2 Protein, GST-tagged

Cat. No. MPP2-6327HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MPP2 full-length ORF (AAH30287, 1 a.a. - 552 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	552 amino acids
Description	Palmitoylated membrane protein 2 is a member of a family of membrane-associated proteins termed MAGUKs (membrane-associated guanylate kinase homologs). MAGUKs interact with the cytoskeleton and regulate cell proliferation, signaling pathways, and intracellular junctions. Palmitoylated membrane protein 2 contains a conserved sequence, called the SH3 (src homology 3) motif, found in several other proteins that associate with the cytoskeleton and are suspected to play important roles in signal transduction. [provided by RefSeq]
Molecular Mass	86.46 kDa
AA Sequence	MPVAATNSETAMQQVLDNLGSLPSATGAAELDLIFLRGIMESPIVRSLAKAHERLEET KLEAVRDNNLELVQEILRDLAQLAEQSSTAELAHLQEPHFQSLLETHDSVASKTYE TPPPSPGLDPTFSNQPVPPDAVRMVGIRKTAGEHLGVTFRVEGGELVIARILHGGMV AQQGLLHVGDIIKEVNGQPVGSDPRALQELLRNASGSVILKILPSYQEPHLPRQVFVK CHFDYDPARDSLIPCKEAGLRFNAGDLLQIVNQDDANWWQACHVEGGSAGLIPSQL LEEKRKAFVKRDLELTPNSGTLGSLSGKKKKRMMYLTTKNAEFDRELLIYEEVAR

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MPPFRRKTLVLIGAQGVGRRSLKNKLIMWDPDRYGTTVPYTSRRPKDSEREGQGYS
FVSRGEMEADVRAGRYLEHGEYEGNLYGTRIDSIRGVVAAGKVCVLDVNPQAVKVL
RTAEFVPYVVFIEAPDFETLRAMNRAALESISTKQLTEADLRRTVEESSRIQRGYGH
YFDLCLVNSNLERTFRELQTAMEKLRTEPQWVPVSWVY

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 [MPP2 membrane protein, palmitoylated 2 \(MAGUK p55 subfamily member 2\) \[Homo sapiens \]](#)

Official Symbol [MPP2](#)

Synonyms MPP2; membrane protein, palmitoylated 2 (MAGUK p55 subfamily member 2); DLG2; MAGUK p55 subfamily member 2; discs large; homolog 2; DKFZp761D0712; discs large homolog 2; discs large, homolog 2; DKFZp686J2189; DKFZp686A06252;

Gene ID [4355](#)

mRNA Refseq [NM_005374](#)

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Protein Refseq	NP_005365
MIM	600723
UniProt ID	Q14168

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