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 KLEAVRDNNLELVQEILRDLAQLAEQSSTAAELAHILQEPHFQSLLETHDSVASKTYE TPPPSPGLDPTFSNQPVPPDAVRMVGIRKTAGEHLGVTFRVEGGELVIARILHGGMV AQQGLLHVGDIIKEVNGQPVGSDPRALQELLRNASGSVILKILPSYQEPHLPRQVFVK CHFDYDPARDSLIPCKEAGLRFNAGDLLQIVNQDDANWWQACHVEGGSAGLIPSQL LEEKRKAFVKRDLELTPNSGTLCGSLSGKKKKRMMYLTTKNAEFDRHELLIYEEVAR

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	MPPFRRKTLVLIGAQGVGRRSLKNKLIMWDPDRYGTTVPYTSRRPKDSEREGQGYS FVSRGEMEADVRAGRYLEHGEYEGNLYGTRIDSIRGVVAAGKVCVLDVNPQAVKVL RTAEFVPYVVFIEAPDFETLRAMNRAALESGISTKQLTEADLRRTVEESSRIQRGYGH 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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