

Recombinant Human MPP2 protein, His & T7-tagged

Cat. No. MPP2-776H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MPP2 aa. (Met345~Ser573 (Accession # Q14168)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met345~Ser573
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.0kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%

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Characteristic	The isoelectric point is 8.5.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	MPP2 membrane palmitoylated protein 2 [Homo sapiens (human)]
Official Symbol	MPP2
Synonyms	DLG2; discs large, homolog 2; membrane protein, palmitoylated 2 (MAGUK p55 subfamily member 2); MAGUK p55 subfamily member 2
Gene ID	4355
mRNA Refseq	NM_001278370.1
Protein Refseq	NP_001265299.1

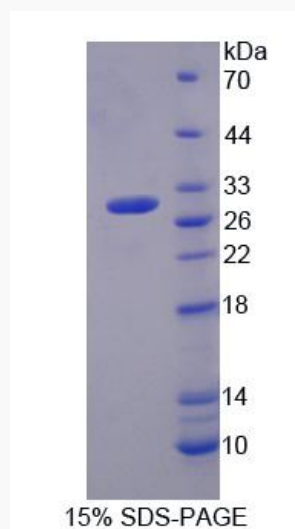
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UniProt ID

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