

Recombinant Human MPP6 protein, His & T7-tagged

Cat. No. MPP6-680H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MPP6 aa. (Ala331~Tyr503 (Accession # Q9NZW5)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ala331~Tyr503
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 23.3kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%

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Characteristic	The isoelectric point is 9.5.
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	MPP6 membrane palmitoylated protein 6 [Homo sapiens (human)]
Official Symbol	MPP6
Synonyms	MPP6; membrane palmitoylated protein 6; VAM1; p55T; PALS2; VAM-1; MAGUK p55 subfamily member 6; MAGUK protein p55T; VELI-associated MAGUK 1; membrane protein, palmitoylated 6 (MAGUK p55 subfamily member 6); protein associated with Lin7 2
Gene ID	51678
mRNA Refseq	NM_001303037.1

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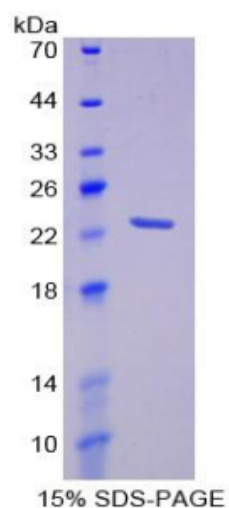
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Protein Refseq NP_001289966.1

UniProt ID Q9NZW5

SDS-PAGE



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