



# Recombinant Human MAGUK p55 subfamily member 2 (MPP2)

<b>Product Code</b>	CSB-EP623905HU-B
<b>Abbreviation</b>	MPP2
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q14168
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MPVAATNSET AMQQVLDNLG SLPSATGAAE LDLIFLRGIM ESPIVRSLAK VIMVLWFMQQ NVFVPMKYML KYFGAHERLE ETKLEAVRDN NLELVQEILR DLAHVAEQSS TAAELAHILQ EPHFQSLEET HDSVASKTYE TPPPSPGLDP TFSNQPVPPD AVRVMGIRKT AGEHLGVTFR VEGGELVIAR ILHGGMVAQQ GLLHVGDIIK EVNGQPVGSD PRALQELLRN ASGSVILKIL PSYQEPHLPR QVFKCHFDY DPARDSLIPC KEAGLRFNAG DLLQIVNQDD ANWWQACHVE GGSAGLIPSQ LLEEKRAFV KRDLELTPNS GTLCGSLSGK KKKRMMYLT KNAEFDRHEL LIYEEVARMP PFRRKTLVLI GAQGVGRRSL KNKLIMWDPD RYGTTVPYTS RRPKDSEREG QGYSFVSRGE MEADVVRAGRY LEHGEYEGNL YGTRIDSIRG VVAAGKVCVL DVNPQAVKVL RTAEFVPYV FIEAPDFETL RAMNRAALES GISTKQLTEA DLRRTVEESS RIQRGYGHYF DLCLVNSNLE RTFRELQTAM EKLRTPEQWV PVSQWVY
<b>Source</b>	E.coli
<b>Target Names</b>	MPP2
<b>Protein Names</b>	Recommended name: MAGUK p55 subfamily member 2 Alternative name(s): Discs large homolog 2 Protein MPP2
<b>Expression Region</b>	1-576
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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