



Recombinant Human MAGUK p55 subfamily member 3 (MPP3)

Product Code	CSB-BP615679HU
Abbreviation	MPP3
Storage	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.
Uniprot No.	Q13368
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MPVLSSEDSGL HETLALLTSQ LRPDSNHKEE MGFLRDVFSE KLSLYLMKIH EKLRYRERQS PTPVLHSAVA LAEDVMEELQ AASVHSDERE LLQLLSTPHL RAVLMVHDTV AQKNFDPVLP PLPDNIDEDF DEESVKIVRL VKNKEPLGAT IRRDEHSGAV VVARIMRGGGA ADRSGLVHVG DELREVNGIA VLHKRPDEIS QILAQSQGSI TLKIIPATQE EDRLKESKVF MRALFHYNPR EDRAIPCQEA GLPFQRRQVL EVVSQDDPTW WQAKRVGDTN LRAGLIPSKG FQERRLSYRR AAGTLPSPQS LRKPPYDQPC DKETCDCEGY LKGHYVAGLR RSFRLGCRER LGGSQEGKMS SGAESPELLT YEEVARYQHQ PGERPRLVVL IGSLGARLHE LKQKVVAENP QHFGVAVPHT TRPRKSHEKE GVEYHFVSKQ AFEADLHHNK FLEHGEYKEN LYGTSLEAIQ AVMAKNKVCL VDVEPEALKQ LRTSEFKPYI IFVKPAIQEK RKTPPMSPAC EDTAAPFDEQ QQEMAASAAF IDRHYGHLVD AVLVKEDLQG AYSQKVVLE KLSKDTHWVP VSWVR
Source	Baculovirus
Target Names	MPP3
Protein Names	Recommended name: MAGUK p55 subfamily member 3 Alternative name(s): Discs large homolog 3 Protein MPP3
Expression Region	1-585
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This gene product 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. This protein 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. Alternatively spliced transcript variants have been identified. One transcript variant is experimentally supported, but it doesn't encode a protein.

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.

Shelf Life

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.