



# Recombinant Human MAGUK p55 subfamily member 4 (MPP4)

<b>Product Code</b>	CSB-EP850318HU
<b>Abbreviation</b>	MPP4
<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>	Q96JB8
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MIQSDKGADP PDKKDMKLST ATNPQNGLSQ ILRLVLQELS LFYGRDVNGV CLLYDLLHSP WLQALLKIYD CLQEFKEKKL VPATPHAQVL SYEVVELLRE TPTSPEIQEL RQMLQAPHFK ALLSAHDTIA QKDFEPLLP LPDNIPESSE AMRIVCLVKN QQPLGATIKR HEMTGDILVA RIIHGGLAER SGLLYAGDKL VEVNGVSVEG LDPEQVIHIL AMSRGTIMFK VVPVSDPPVN SQQM VYVRAM TEYWPQEDPD IPCMDAGLPF QKGDILQIVD QNDALWWQAR KISDPATCAG LVPSNHLLKR KQREFWWSQP YQPHTCLKST LSISMEEDD MKIDEKCVEA DEETFESSEEL SEDKEEFVGY GQKFFIAGFR RSMRLCRRKS HLSPLHASVC CTGSCYSAVG APYEEVVRYQ RRP SDKYRLI VLMGPSGVGV NELRRQLIEF NPSHFQSAVP HTRTRKKS YE MNGREYHYVS KETFENLIYS HRMLEYGEYK GHLYGTSVDA VQTVLVEGKI CVMDLEPQDI QGVRTHELKP YVIFIKPSNM RCMKQSRKNA KVITDYYVDM KFKDEDLQEM ENLAQRMETQ FGQFFDHVIV NDSLHDACAQ LLSAIQKAQE EPQWVPATWI SSDTESQ
<b>Source</b>	E.coli
<b>Target Names</b>	MPP4
<b>Protein Names</b>	Recommended name: MAGUK p55 subfamily member 4 Alternative name(s): Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 5 protein Discs large homolog 6
<b>Expression Region</b>	1-637
<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>	This gene encodes a member of the membrane-associated guanylate kinase (MAGUK) protein family, with an N-terminal PDZ domain, a central src homology 3 region (SH3), and a C-terminal guanylate kinase-like (GUK) domain. The protein is localized to the outer limiting membrane in the retina, and



is thought to function in photoreceptor polarity and the organization of specialized intercellular junctions. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.

---

**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.