

Recombinant Human MPP4 Protein, GST-tagged

Cat. No. MPP4-5512H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MPP4 partial ORF (NP_149055, 1 a.a. - 109 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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. [provided by RefSeq]
Molecular Mass	37.73 kDa
AA Sequence	MIQSDKGADPPDKKDMKLSTATNPQNGLSQILRLVLQELSLFYSRDVNGVCLLYDLL HSPWLQALLKIYDCLQEFKEKKLVPAHPHAQVLSYEVVELLRETPTSPEIQE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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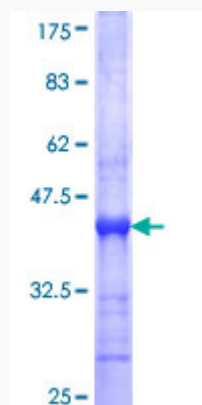
 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	MPP4 membrane protein, palmitoylated 4 (MAGUK p55 subfamily member 4) [Homo sapiens]
Official Symbol	MPP4
Synonyms	MPP4; membrane protein, palmitoylated 4 (MAGUK p55 subfamily member 4); DLG6; MAGUK p55 subfamily member 4; discs large homolog 6; discs, large homolog 6; amyotrophic lateral sclerosis 2 chromosomal region candidate gene 5 protein; ALS2CR5;
Gene ID	58538
mRNA Refseq	NM_033066
Protein Refseq	NP_149055
MIM	606575
UniProt ID	Q96JB8

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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