

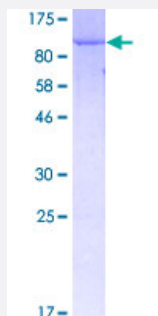
Full-Length

MPP3 (Human) Recombinant Protein (P01)

Catalog # H00004356-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MPP3 full-length ORF (AAH56865, 1 a.a. - 585 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MPVLSEDSGLHETLALLTSQLRPDSNHKEEMGFLRDVFSEKSLSYLMKIHEKLRYERQSPTPVL
HSAVALAEDVMEELQAASVHSDERELLQLLSTPHLRVLMVHDTVAKNFDVLPPLPDNIDED
FDEESVKMRLVKNKEPLGATIRRDEHSGAVVVARIMRGGAADRSLVHVGDELREVNGIAVLHK
RPDEISQILAQSQGSITLKIIPATQEEDRLKESKVFMRALFHYNPREDRAIPCQEAGLPFQRRQVLE
VVSQDDPTWWQAKRVGDTNLRAGLIPSKGFQERRLSYRAAGTLPSPQSLRKPPYDQPCDKET
CDCEGYLKGHYVAGLRRSFRLGCRERLGGSQEGKMSSGAESPELLTYEEVARYQHQPGERPRL
VVLIGSLGARLHELKQKVVAENPQHFGVAVPHTRPRKSHEKEGVEYHFVSKQAFEADLHNNKF
LEHGEYKENLYGTSLEAIQAVMAKNKVCLVDVEPEALKQLRTSEFKPYIIFVKPAIQEKRKTPPMSP
ACEDTAAPFDEQQQEMAASAAAFIDRHYGHLVDAVLVKEDLQGAYSQLKVVLEKLSKDTWVWPV
SWVR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

90.09

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MPP3

Entrez GeneID	4356
GeneBank Accession#	BC056865
Protein Accession#	AAH56865
Gene Name	MPP3
Gene Alias	DLG3
Gene Description	membrane protein, palmitoylated 3 (MAGUK p55 subfamily member 3)
Omim ID	601114
Gene Ontology	Hyperlink

Gene Summary	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. [provided by RefSeq]
--------------	--

Other Designations	MAGUK p55 subfamily member 3 OTTHUMP00000165325 discs, large homolog 3 membrane protein palmitoylated 3 palmitoylated membrane protein 3
--------------------	--