

## Product datasheet for TP306096L

### MPP7 (NM\_173496) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human membrane protein, palmitoylated 7 (MAGUK p55 subfamily member 7) (MPP7), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206096 protein sequence Red=Cloning site Green=Tags(s)

MPALSTGSGSDTGLYELLAALPAQLQPHVDSQEDLTLFLWDMFGEKSLHSLVKIHEKLHYYEKQSPVPIH  
GAAALADDLAEELQNKPLNSEIRELLKLLSKPNVKALLSVHDTVAQKNYDPVLPMPEDIDDEEDSVKII  
RLVKNREPLGATIKKDEQTGAIVARIMRGGAADRSGLIHVGDELREVNIGIPVEDKRPEEIIQILAQSQG  
AITFKIIPGSKEETPSKEGKMFIKALFDYNPNEKAIPCCEAGLSFKKGDILQIMSQDDATWWQAKHEAD  
ANPRAGLIPSKHFQERRLALRRPEILVQPLKVSNRKSSGFRRSFRLSRDKKTNKSMYECKKSDQYDTAD  
VPTYEEVTPYRRQTNEKYRLVVLVGPVGVGLNELKRKLLISDTQHYGVTVPHTTRARRSQESDGVYIFI  
SKHLFETDVQNNKFIYGEYKNNYYGTSIDSVRSVLAKNKVCLLDVQPHTVKHLRLEFKPYVIFIKPPS  
IERLRETRKNAKIISRDDQGAACPTEEDFQEMIKSAQIMESQYGHFLDKIIINDDLTVAFNELKTTFD  
KLETETHWVPVSWLHS

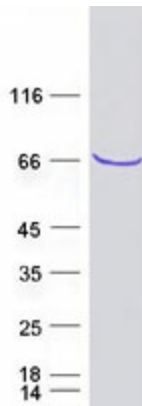
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	65.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_775767</a>
<b>Locus ID:</b>	143098
<b>UniProt ID:</b>	<a href="#">Q5T2T1</a>
<b>RefSeq Size:</b>	5207
<b>Cytogenetics:</b>	10p12.1
<b>RefSeq ORF:</b>	1728
<b>Summary:</b>	The protein encoded by this gene is a member of the p55 Stardust family of membrane-associated guanylate kinase (MAGUK) proteins, which function in the establishment of epithelial cell polarity. This family member forms a complex with the polarity protein DLG1 (discs, large homolog 1) and facilitates epithelial cell polarity and tight junction formation. Polymorphisms in this gene are associated with variations in site-specific bone mineral density (BMD). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]
<b>Protein Families:</b>	Druggable Genome

**Product images:**

Coomassie blue staining of purified MPP7 protein (Cat# [TP306096]). The protein was produced from HEK293T cells transfected with MPP7 cDNA clone (Cat# [RC206096]) using MegaTran 2.0 (Cat# [TT210002]).