

## Product datasheet for **TP516901**

### **Mpp7 (NM\_001081287) Mouse Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Mouse membrane protein, palmitoylated 7 (MAGUK p55 subfamily member 7) (Mpp7), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
<b>Species:</b>	Mouse
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>MR216901 representing NM_001081287 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MPALATGSACDMGLYELLAALPAQLQPHVDSQEDLTLWVDFGKSLHSLVKIHEKHLHCYEKQNPLPI LH  
GAAALADDLTEELQNKLPNSEIRELLKLLSKPNVKALLSVHDTVAQKSYDPVLPVPPDDIDDEEDSVKII  
RLVKNSEPLGATIKKDEQTGAI TVARIMRGGAA DRSLIHVGDDELREVN GIPVEDKRPEEIIKILSQSKG  
AITFKIIPSTKEETPSKEGKIFIKALFDYDPKEDKAIPCKEAGLSFRKGDILQIMSQDDVTWWQAKHEGD  
ANPRAGLIPSKHFQERRLALRRPEIWWQPLKLSNTKSSGFRRSFRLSRKNKKINKSMYECKKSEQYDTAD  
VPTYEEVTPYRRQIHDKYRLIVLVGPVGVGLNELKRKLLMSDAQHYGVIVPHTTRARRSQESDGV EYIFI  
SKHLFETDVQNNKFIEYGEYKNNYYGTSIDSVRSVLAKNKVCLLDVQPHTVKHLR TLLEFKPYVIFIKPPS  
IERLRETRKNAKIISRDDQGTAKPFT EEDFQEMIKSAQIMESQYGH LFDKIIINDDLTVAFNELKTTFD  
KLETDTHWVPVSWLHS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

<b>Tag:</b>	C-MYC/DDK
<b>Predicted MW:</b>	65.5 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<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.



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**RefSeq:** [NP\\_001074756](#)  
**Locus ID:** 75739  
**UniProt ID:** [Q8BVD5](#), [G5E8S8](#)  
**RefSeq Size:** 4975  
**Cytogenetics:** 18 A1  
**RefSeq ORF:** 1728  
**Synonyms:** 1110068J02Rik; 2810038M04Rik; 5430426E14Rik; AI415104; Gm955  
**Summary:** Acts as an important adapter that promotes epithelial cell polarity and tight junction formation via its interaction with DLG1. Involved in the assembly of protein complexes at sites of cell-cell contact (By similarity).[UniProtKB/Swiss-Prot Function]