

## Product datasheet for **TP508414**

### **Pmpca (NM\_173180) Mouse Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse peptidase (mitochondrial processing) alpha (Pmpca), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208414 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MATAVWAAARLLRGSVLCARPRFGSPAHRRFSSGATYPNIPLSSPLPGVPKPIFATVDGQEKFKVTT  
LDNGLRVASQNKFGQFCTVGILINSGSRYEAKYLSGIAHFLEKLAFSSTARFDSKDEILLTLEKHGGICD  
CQTSRDTTMYAVSADSKGLDVTVDLLADVVLHPRLTDEEIEMTRMAVQFELEDLNMRPDPEPLLTEMIHE  
AAFRENTVGLHRFCPVENIAKIDREVLHSHYLNKYYTPDRMVLAVGVEHEHLVECAKYLVAEPAWGAP  
GTVDVDRSVAQYTGIIKVERDMSNVSLGPTPIPELTHIMVGLSCSFLEDDFIPFAVLNMMMGGGGSFS  
AGGPGKGMFSRLYLNVLNRHHWYNATSYYHSYEDTGLLCIHASADPRQVREMVEITKEFILMGRTVDL  
VELERAKTQLMSMLMMNLESRPVIFEDVGRQVLATHSRKLPHELCTLIRNVKPEDIKRVASKMLRGKPAV  
AALGDLTDLPTYEHIQAALSSRNHGLPRSYRLFR

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	58.3 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_775272</a></u>



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Locus ID:	66865
UniProt ID:	<a href="#">Q9DC61</a>
RefSeq Size:	3125
Cytogenetics:	2 A3
RefSeq ORF:	1575
Synonyms:	1200002L24Rik; 4933435E07Rik; Alpha-MPP; P-55
Summary:	Substrate recognition and binding subunit of the essential mitochondrial processing protease (MPP), which is required for maturation of the majority of mitochondrial precursor proteins (By similarity). Most MPP cleavage sites follow an arginine at position -2 (By similarity). [UniProtKB/Swiss-Prot Function]