

## Product datasheet for TP513352

### Cpa5 (NM\_144537) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse carboxypeptidase A5 (Cpa5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR213352 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MQGTQRGGLVPGLSPLDRRTLLFCNFILAVAWGQVNFTGDQVLRVLAKNEKQLSLLRDLETQKPQKVDFW  
RGPARPSLPVDMRVPFSELPSVKAYLKSHGLAYSIMIKDIQVLLDEERDAMAKSRRLERSTNSFSYSSYH  
TLDEISWIDNFVAEHSNLVSKIHIHGKSFENRSILVLKSTGGPNRPAIWIDTGIHSREWTHATGIWIS  
QKIVNAYGKDHVLKRILNTMDIFIEIVTNPDGFAFTHSMNRLWRKNKSSQPGIFCIGVDLNRNWKAGFGG  
NGSNKNPCSETYRGPAPSEPEVAIVDFITGHGNFKAMISIHYSQMVMYPYGHSLEPVPNHEELFNLA  
KDAVKALNKVHGIQYIFGSISTLLYSASGISVDWAYDSGIKYAFSFEIRDGTGQYGFLLPASQIVPTAEET  
WMALQTIMKHTLNHPY

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	49.2 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_653120</a></u>
Locus ID:	74649



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UniProt ID: [Q8R4H4](#), [B2RQW9](#)

RefSeq Size: 1963

Cytogenetics: 6 A3.3

RefSeq ORF: 1311

Synonyms: 4930430M09Rik

**Summary:** This gene encodes a member of the carboxypeptidase A family of zinc metalloproteases. The encoded preproprotein undergoes proteolytic processing that removes the N-terminal activation peptide to generate a functional enzyme. This gene is expressed in mouse testes where the encoded protein is localized to the germ cells. This gene is located in a cluster of carboxypeptidase genes on chromosome 6. [provided by RefSeq, Jul 2016]