

## Product datasheet for **TP506601**

### Cpa2 (NM\_001024698) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse carboxypeptidase A2, pancreatic (Cpa2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206601 representing NM_001024698 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MRLTPLLVALFGYIYCQETFVGDQVLEVIPNDEEQIKTLLQLEAEEHLELDFWKSPSVPRQTVHVRVPFA  
SIQDVKVFLESQGITYSIMIEDVQVLLDQEREEMLFNQQRERGTFNFGAYHTLEEIQEMDNLVAENPG  
LVSKVNIGSSFENRPMNVLFKSTGGDKPAIWLDAGIHAREWWTQATALWTANKIASDYGTDPAITSLNT  
LDVFLLPVTNPDGYVFSQTSNRMWRKTRSKRSGSFCVGDVDPNRNWDANFGGPGASSNPCSDSYHGSPNS  
EVEVKSIVDFIKSHGKVKAFITLHSYSQLLMFPYGYKCAKPDFNELDEVAQRAAQLKRLHGTSYKVG  
ICSVIYQASGGSIDWAYDLGKYSFAFELRDTGYYGFLPAKQILPTAEETWLGLKTIMEHVRDHPY

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	47.5 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:	<a href="#">NP_001019869</a>
Locus ID:	232680
UniProt ID:	<a href="#">Q504N0</a>



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RefSeq Size: 1354

Cytogenetics: 6 A3.3

RefSeq ORF: 1251

**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 by the pancreatic exocrine cells which secrete the enzyme during digestion. This gene is located in a cluster of carboxypeptidase genes on chromosome 6. [provided by RefSeq, Jul 2016]