

## Product datasheet for TP507513

### Cpq (NM\_018755) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse carboxypeptidase Q (Cpq), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207513 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MRSLLFFLVHLLALGSGKAVFKNGVSQRTFREIKEEIANYEDVAKAIINLAVYGKYQNRSYERLGLLVD  
TVGPRLSGSKNLEKAIQIMYQNLQQDGLNVHLEQVRIPHWERGEESAVMLEPRIHKMAILGLGSSIGTP  
PGGITAENVLVASFDELQRRASEARGKIIVYNQPYTGYEKTQYRVQGAVEAAKVGAVASLIQSVASFSI  
YSPHTGIQKYQDGVPKIPTACITVEDAEMMSRMRASRGNKIVIHLEMGAKTYPDTSFNTVAEITGSMYPE  
EVLVSGHLDSWDVGGALDDGGGAFISWEALSLVKDLGLRPKRTLRLVLWTAEEQGGIGASQYYELHKA  
NISKYSLVMEADSGTFLPTGLQFTGSDKARAIMKEVMNLLQPLNVTKVFSNGEGTDINFWIQAGVPGASL  
RDDLYKYFFFHSHGDTMTVMDPKQMNVAADVAVVAVVADMDDEMLPRS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	51.8 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_061225</a>
Locus ID:	54381



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UniProt ID: [Q9WVJ3](#)

RefSeq Size: 2013

Cytogenetics: 15 B3.1

RefSeq ORF: 1413

Synonyms: 1190003P12Rik; 2610034C17Rik; Hls2; Lal-1; Pgcp

**Summary:** Carboxypeptidase that may play an important role in the hydrolysis of circulating peptides. Catalyzes the hydrolysis of dipeptides with unsubstituted terminals into amino acids. May play a role in the liberation of thyroxine hormone from its thyroglobulin (Tg) precursor (By similarity).[UniProtKB/Swiss-Prot Function]