

## Product datasheet for **TP503637**

### Clpp (NM\_017393) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse caseinolytic mitochondrial matrix peptidase proteolytic subunit (Clpp), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203637 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MWPRVLLGEARVAVDGCRALLSRLAVHFSPWTAVSCSPLRRSLHGTATRAFPLIPIWEQTGRGERAYD IYSRLLRERIVCVMGPIDDSVASLVIAQLLFLQSESNKKPIHMYINSPGGVVTAGLAIYDTMQYILNPIC TWCVGQAASMGSLLLAAGSPGMRHSLPNSRIMIHQPSGGARGQATDIAIQAEIIMKLLKQLYNIYAKHTK QSLQVIESAMERDRYMSPMEAQEFGLDKVLVHPPQDGEDEPELVQKETATAPTDPAPTST  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	29.8 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_059089</a>
Locus ID:	53895
UniProt ID:	<a href="#">O88696</a>
RefSeq Size:	1207



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**Cytogenetics:** 17 29.61 cM

**RefSeq ORF:** 819

**Synonyms:** AU019820; D17Wsu160e

**Summary:** Protease component of the Clp complex that cleaves peptides and various proteins in an ATP-dependent process. Has low peptidase activity in the absence of CLPX. The Clp complex can degrade CSN1S1, CSN2 and CSN3, as well as synthetic peptides (in vitro) and may be responsible for a fairly general and central housekeeping function rather than for the degradation of specific substrates (By similarity).[UniProtKB/Swiss-Prot Function]