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# Product datasheet for TP525047

## Cpvl (NM_027749) Mouse Recombinant Protein

### Product data:

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| **Product Type:** | Recombinant Proteins |
| **Description:** | Purified recombinant protein of Mouse carboxypeptidase, vitellogenic-like (Cpvl), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| **Species:** | Mouse |
| **Expression Host:** | HEK293T |
| **Expression cDNA Clone or AA Sequence:** | >MR225047 protein sequence<br>Red=Cloning site Green=Tags(s)<br><br>MVRAKWKMVVSLILFMVSPGDGLFHAVYRSILVSQSFKGDAGQPLFLSPYIKNGKIKEGQRKSMVSPFPG<br>MNDKSYAGYITVNQTYNSNLFFWFFPARMQPEDAPVVLWLQGGPGGSSMFGLFVEHGPYIITSNMTVVAR<br>DFPWTFTLSMLYIDNPVGTGFSFTDHFQGYATSEDDVAQDLYSALIQFFTLFPEYAKNDFYVTGESYAGK<br>YVPALAHYIHSLNPVRKFKIRLKGIAIGDAYTDPESIIGGYAAFLYEIGLLDEQQQKYFQKQCSKCVKYI<br>KEQEWMKAFEILDKLLDGDVTTGSSFFQNVTGCTNYYNILQCTEPKEQSYFAKFLTLPQVRQAIHVGNQN<br>FSDGAEVEKHLREDTVKSVKPWLSEIMNYYKVLIYNGQLDIIVAAALTERSLMAMDWKGSRAYRRARRKV<br>WKIFKSDNEVAGYVRRVGKFHQVIVRGGGHILPYDQPMRSFDMINRFIYDRGWEPYNS<br><br>TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| **Tag:** | C-MYC/DDK |
| **Predicted MW:** | 54.8 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:** | NP_082025 |
| **Locus ID:** | 71287 |

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| **UniProt ID:** | Q9D3S9 |
| **RefSeq Size:** | 1708 |
| **Cytogenetics:** | 6 B3 |
| **RefSeq ORF:** | 1437 |
| **Synonyms:** | 4933436L16Rik; HVLP |
| **Summary:** | This gene encodes a member of the serine carboxypeptidase family of proteases that cleave amino acids from the C-terminus of a protein substrate. The human ortholog of this gene, where it was first characterized, was found to be upregulated during the maturation of monocytes to macrophages. The encoded protein may be involved in antigen processing, digestion of phagocytosed proteins in the lysosome and lamellipodium formation. Disruption of this gene in mice was found to cause embryonic lethality. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Aug 2015] |