

Recombinant Mouse CpvI Protein, Myc/DDK-tagged

Cat. No. CpvI-2300M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length carboxypeptidase, vitellogenic-like (CpvI), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	54.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration	>50 µg/mL as determined by microplate BCA method
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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
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GENE INFORMATION

Gene Name	Cpvl carboxypeptidase, vitellogenic-like [<i>Mus musculus</i> (house mouse)]
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Official Symbol	Cpvl
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Synonyms	CPVL; carboxypeptidase, vitellogenic-like; probable serine carboxypeptidase CPVL; HVLP; 4933436L16Rik
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Gene ID	71287
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mRNA Refseq	NM_027749
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Protein Refseq	NP_082025
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UniProt ID	Q9D3S9
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