

## 32-7902: Recombinant Human Probable Serine Carboxypeptidase CPVL/VCP-Like Protein (C-6His)

**Gene :** CPVL  
**Gene ID :** 54504  
**Uniprot ID :** Q9H3G5

### Description

Source: Human Cells.

MW :52.9kD.

Recombinant Human Vitellogenic carboxypeptidase-like protein is produced by our Mammalian expression system and the target gene encoding Leu23-Gly476 is expressed with a 6His tag at the C-terminus. Probable serine carboxypeptidase CPVL, also known as Carboxypeptidase, vitellogenic-like, Vitellogenic carboxypeptidase-like protein, is a member of the peptidase S10 family. It is expressed in macrophages but not in other leukocytes. And specifically, it is abundantly expressed in heart and kidney, also expressed in spleen, leukocytes, and placenta. This enzyme may be involved in the digestion of phagocytosed particles in the lysosome, and also participation in an inflammatory protease cascade, and trimming of peptides for antigen presentation.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM TrisHCl,150mM NaCl,10%Glycerol,pH7.5.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** LFRSLYRSVSMPPKGDGSGQPLFLTPYIEAGKIQKGRELSLVGPFPLNMKSYAGFLT VNKTYNSNLFFWFFPAQI QPEDAPVVLWLQGGPGGSSMFLFVEHGYPYVVTSNMTRLRDRDFPWTTTSLMLYIDNPVGTGFSFTDDTHGYA VNEDDVARDLYSALIQFFQIFPEYKNDFYVTGESYAGKYVPAIAHLIHLNPNVREVKINLNGIAIGDGYSDPESII GGYAEFLYQIGLLDEKQKKYFQKQCHECIEHIRKQNWFEAFEILDKLLDGDLTSDPSYFQNVGTGCSNYYNFLRCT EPEDQLYYVKFSLSLPEVRQAIHVGNQTFNDGTIVEKYLREDTVQSVKPWLTEIMNMYKVLINYLQLDIIVAAALTE RSLMGMDWKGSQEYKKAEEKVWKIFKSDSEVAGYIRQVGDHFQVIIRGGGHILPYDQPLRAFDMINRFIYGKG WDPYVGVDDHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.