

Recombinant human Probable serine carboxypeptidase CPVL

Catalog No: #AP71567

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Package Size: #AP71567-1 20ug #AP71567-2 100ug #AP71567-3 1mg

Description

Product Name	Recombinant human Probable serine carboxypeptidase CPVL
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:23-476aaSequence Info:Full Length
Other Names	Carboxypeptidase, vitellogenic-likeVitellogenic carboxypeptidase-like protein ;VCP-like protein ;hVLP
Accession No.	Q9H3G5
Uniprot	Q9H3G5
GeneID	54504;
Calculated MW	67.9 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	<p>LFRLSYRSVSMPPKGDGSGQLFLTPYIEAGKIQKGRELSLVGPFPGPLNMKSYAGFLT VNKTYNSNLFFWFFPA</p> <p>QIQPEDAPVVLWLQGGPGGSSMFGLFVEHGPYVVTSNMTLRDRDFPWTTL SMLYIDNPVGTGFSFTDDTHG</p> <p>YAVNEDDVARDLYSALIQQFFQIFPEYKNDFYVTGESYAGKYVPAIAHLIHSNLPVREVKINLNGIAIGDGYSDPE</p> <p>SIIGGYAEFLYQIGLLDEKQKKYFQKQCHECIEHIRKQNWFEAFEILDKLLDGLTSDPSYFQNV TGCSNYYNFL</p> <p>RCTEPEDQLYYVKFSLPEVRQAIHVGNQTFNDGTIVEKYLREDTVQSVK PWLTEIMN NYKVLIYNGQLDIIVAA</p> <p>ALTERSLMGMDWKGSGQEYKKA EKKVWKIFKSDSEVAGYIRQAGDFHQVIIRGGGHILPYDQPLRAFDMINRFI</p> <p>YGKGWDPYVG</p>
Formulation	Tris-based buffer50% glycerol
Storage	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.</p>

Background

May be involved in the digestion of phagocytosed particles in the lysosome, participation in an inflammatory protease cascade, and trimming of peptides for antigen presentation.

References

Cloning and characterization of CPVL, a novel serine carboxypeptidase, from human macrophages.Mahoney J.A., Ntolosi B., DaSilva R.P., Gordon S., McKnight A.J.Genomics 72:243-251(2001)Research Topic:Cell Biology

Note: This product is for in vitro research use only