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Datasheet for ABIN1880670

CPVL Protein (AA 23-476) (His tag)

Overview

Quantity:	50 µg
Target:	CPVL
Protein Characteristics:	AA 23-476
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CPVL protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Probable Serine Carboxypeptidase CPVL/VCP-Like Protein (C-6His)
Sequence:	LFRSLYRSVS MPPKGDGSGQP LFLTPYIEAG KIQKGRELSL VGPFPGGLNMK SYAGFLTVNK TYNSNLFFWF FPAQIQPEDA PVVLWLQGGP GGSSMFGFLV EHGPYVVTSN MTLRDRDFPW TTTSLMLYID NPVGTGFSFT DDTHGYAVNE DDVARDLYSA LIQFFQIFPE YKNNDFYVTG ESYAGKYVPA IAHLIHSLNP VREVKINLNG IAIGDGYSDP ESIIGGYAEF LYQIGLLDEK QKKYFQKQCH ECIEHIRKQN WFEAFEILDK LLDGDLTSDP SYFQNVGTGCS NYYNFLRCTE PEDQLYYVKF LSLPEVRQAI HVGNTFTNDG TIVEKYLRED TVQSVKPWLT EIMNNYKVLI YNGQLDIIVA AALTERSLMG MDWKGSQEYK KAEKKVWKIF KSDSEVAGYI RQVGDFHQVI IRGGGHILPY DQPLRAFDMI NRFIYKGKWD PYVGVDHHHH HH
Characteristics:	Recombinant Human Probable serine carboxypeptidase CPVL/CPVL is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Leu23-Gly476) of Human CPVL fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Product Details

Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	CPVL
Alternative Name:	CPVL (CPVL Products)
Sub Type:	Fusionprotein
Background:	<p>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.</p> <p>Alternative Names: Probable serine carboxypeptidase CPVL, also known as Carboxypeptidase, vitellogenic-like, Vitellogenic carboxypeptidase-like protein, is a member of the peptidase S10 family.</p>
Molecular Weight:	52.9 kDa
UniProt:	Q9H3G5

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH2O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 150 mM NaCl, 10 % Glycerol, pH 7.5.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C

Handling

Storage Comment:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
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Expiry Date:	6 months
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