

Recombinant Human CPVL Protein (23-476 aa), His-SUMO-tagged

Cat. No. CPVL-1137H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CPVL Protein (23-476 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Cell Biology. Protein Description: Full Length of Mature Protein.
Species	Human
Source	E.coli
ProteinLength	23-476 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	67.9 kDa
AA Sequence	LFRSLYRSVSMPPKGDSGQPLFLTPYIEAGKIQKGRELSLVGPFPGGLNMKSYAGFLT VNKTYNSNLFFWFFPAQIQPEDAPVVLWLQGGPGGSSMFGFLVEHGPYVVTSNMT LRDRDFPWTTLTMLYIDNPVGTGFSFTDDTHGYAVNEDDVARDLYSALIQQFFQIFP EYKNNDFYVTGESYAGKYVPAIAHLIHLNPNVREVKINLNGIAIGDGYSDPESIIGGYA EFLYQIGLLDEKQKKYFQKQCHECIEHIRKQNWFEAFEILDKLLDGDLTSDPSYFQNV TGCSNYYNFLRCTEPEDQLYYVKFLSLPEVRQAIHVGNGTQTFNDGTIVEKYLREDTVQ

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	SVKPWLTEIMNNYKVLINQGLDIIVAAALTERSLMGMDWKGSQEYKKAEEKVWKIF KSDSEVAGYIRQAGDFHQVIIRGGGHILPYDQPLRAFDMINRFIYGKGWDPYVG
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name	CPVL carboxypeptidase, vitellogenic-like [Homo sapiens]
Official Symbol	CPVL
Synonyms	CPVL; VCP-like protein; HVLP; MGC10029;
Gene ID	54504
mRNA Refseq	NM_019029
Protein Refseq	NP_061902
MIM	609780

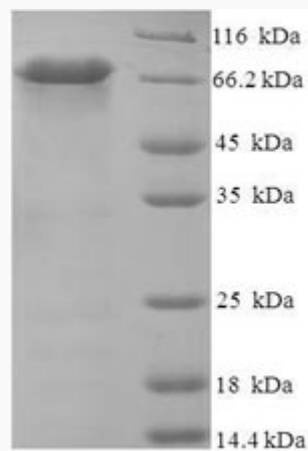
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UniProt ID

Q9H3G5



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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