

Recombinant Human CPVL protein, His-tagged

Cat. No. CPVL-4633H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CPVL protein(127-476 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	127-476 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	YVVTSNMTLRDRDFPWTTTLSMLYIDNPVGTGFSFTDDTHGYAVNEDDVARDLYSA LIQFFQIFPEYKNNDFFYVTGESYAGKYVPAIAHLIHSNLPVREVKINLNGIAIGDGYSDP ESIIGGYAEFLYQIGLLDEKQKKYFQKQCHECIEHIRKQNWFEAFEILDKLLDGDLTSD PSYFQNVGTGCSNYNFLRCTEPEDQLYYVKFLSLPEVRQAIHVGNQTFNDGTIVEKY LREDTVQSVKPWLTEIMNNYKVLINQGLDIIVAAALTERSLMGMDWKGSQEYKKA KKVWKIFKSDSEVAGYIRQVGDFHQVIIRGGGHILPYDQPLRAFDMINRFIYGKGWDP YVG
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name CPVL carboxypeptidase, vitellogenic-like [Homo sapiens]

Official Symbol CPVL

Synonyms CPVL; carboxypeptidase, vitellogenic-like; probable serine carboxypeptidase CPVL; carboxypeptidase WUG; CP Mac carboxypeptidase; vitellogenic carboxypeptidase like protein; VCP-like protein; CP-Mac carboxypeptidase; vitellogenic carboxypeptidase-like protein; HVLP; MGC10029;

Gene ID 54504

mRNA Refseq NM_019029

Protein Refseq NP_061902

MIM 609780

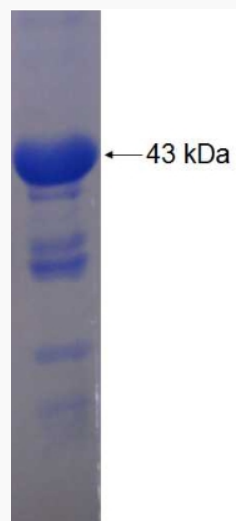
UniProt ID Q9H3G5

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SDS-PAGE



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