



Recombinant Human CPVL Protein Product Manual

1. Product Basic Information

Product No.: REP06539

Protein Name: Vcp-Like Protein (CPVL)

Aliases: VCP-like protein; carboxypeptidase WUG; CP-Mac carboxypeptidase; carboxypeptidase vitellogenic like; probable serine carboxypeptidase CPVL; putative serine carboxypeptidase CPVL; vitellogenic carboxyp...

UniProt ID: Q9H3G5

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9H3G5/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (23-476aa)

Molecular Weight: 67.9kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (23-476aa)

LFRSLYRSVSMPPKGD SGQPLFLTPYIEAGKIQKGRELSLVGPFPGLNMKSYAGFLT
VNKTYNSNLFFWFFPAQIQPEDAPVVLWLQGGPGGSSMFGLFVEHGPPYVVT SNMT
LRDRDFPWTTL SMLYIDNPVGTGFSFTDDTHGYAVNEDDVARDLYSALI QFFQIFP
EYKNND FYVTGESYAGKYVPAIAHLI HSLNPVREVKINLNGIAIGDGYSDPESIIGGYA
EFLYQIGLLDEKQKKYFQKQCHECIEHIRKQNWFEAFEILDKLLDGDLTSDPSYFQN
VTGCSNYYNFLRCTEPEDQLYYVKFLSLPEVRQAIHVGNQTFNDGTIVEKYLREDTV
QSVKPWLTEIMNNYKVL IYNGQLDIIVAAALTE RSLMGMDWKGSQEYKKA EKKVWKI
FKSDSEVAGYIRQAGDFHQVIIRGGGHILPYDQPLRAFD MINRFIYGKGWDPYVG

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human CPVL full length of mature protein protein (23-476aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. CPVL, also known as VCP-like protein or carboxypeptidase WUG or CP-Mac carboxypeptidase, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.