

Probable serine carboxypeptidase CPVL Recombinant Protein | CPVL recombinant protein

Recombinant Human Probable serine carboxypeptidase CPVL

CATALOG # AAA117529	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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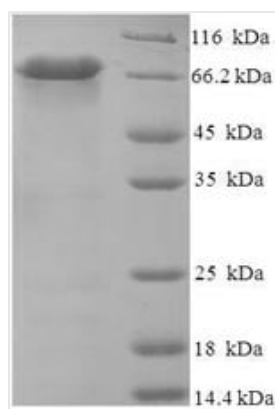
PRODUCT SYNONYMS

Probable serine carboxypeptidase CPVL; Recombinant Human Probable serine carboxypeptidase CPVL; Carboxypeptidase; vitellogenic-like; Vitellogenic carboxypeptidase-like protein; VCP-like protein; hVLP; CPVL recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	23-476aa; Full Length of Mature Protein
Sequence	LFRSLYRSVS MPPKGDGSGQP LFLTPYIEAG KIQKGRELSL VGPFPGGLNMK SYAGFLTVNK TYNSNLFFWF FPAQIQPEDA PVVLWLQGGP GGSSMFGLFV EHGPYVVTN MTLRDRDFPW TTTLSMLYID NPVGTGFSFT DDTHGYAVNE DDVARDLYSA LIQFFQIFPE YKNNDFYVTG ESYAGKYVPA IAHLIHSLNP VREVKINLNG IAIGDGYS DP ESIIGGYAEF LYQIGLLDEK QKKYFQKQCH ECIEHIRKQN WFEAFEILDK LLDGDLTSDP SYFQNV TGCS NYYNFLRCTE PEDQLYYVKF LSLPEVRQAI HVGNTQTFNDG TIVEKYLRED TVQSVKPWLT EIMNNYK VLI YNGQLDIIVA AALTERSLMG MDWKGSQEYK KAEKKVWKIF KSDSEVAGYI RQAGDFHQVI IRGGGHILPY DQPLRAFDMI NRFIYKGWD PYVG
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CPVL recombinant protein	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.
Product Categories/Family for CPVL recombinant protein	Cell Biology

References

Cloning and characterization of CPVL, a novel serine carboxypeptidase, from human macrophages. Mahoney J.A., Ntoli B., DaSilva R.P., Gordon S., McKnight A.J. *Genomics* 72:243-251(2001) Cloning of VCP-like protein expressed in human heart and placenta. Cho J.-J., Baik H.-H. The secreted protein discovery initiative (SPDI) , a large-scale effort to identify novel human secreted and transmembrane proteins a bioinformatics assessment. Clark H.F., Gurney A.L., Abaya E., Baker K., Baldwin D.T., Brush J., Chen J., Chow B., Chui C., Crowley C., Currell B., Deuel B., Dowd P., Eaton D., Foster J.S., Grimaldi C., Gu Q., Hass P.E., Heldens S., Huang A., Kim H.S., Klimowski L., Jin Y., Johnson S., Lee J., Lewis L., Liao D., Mark M.R., Robbie E., Sanchez C., Schoenfeld J., Seshagiri S., Simmons L., Singh J., Smith V., Stinson J., Vagts A., Vandlen R.L., Watanabe C., Wieand D., Woods K., Xie M.-H., Yansura D.G., Yi S., Yu G., Yuan J., Zhang M., Zhang Z., Goddard A.D., Wood W.I., Godowski P.J., Gray A.M. *Genome Res.* 13:2265-2270(2003) Signal sequence and keyword trap in silico for selection of full-length human cDNAs encoding secretion or membrane proteins from oligo-capped cDNA libraries. Otsuki T., Ota T., Nishikawa T., Hayashi K., Suzuki Y., Yamamoto J., Wakamatsu A., Kimura K., Sakamoto K., Hatano N., Kawai Y., Ishii S., Saito K., Kojima S., Sugiyama T., Ono T., Okano K., Yoshikawa Y., Aotsuka S., Sasaki N., Hattori A., Okumura K., Nagai K., Sugano S., Isogai T. *DNA Res.* 12:117-126(2005) Human chromosome 7 DNA sequence and biology. Scherer S.W., Cheung J., MacDonald J.R., Osborne L.R., Nakabayashi K., Herbrick J.-A., Carson A.R., Parker-Katirae L., Skaug J., Khaja R., Zhang J., Hudek A.K., Li M., Haddad M., Duggan G.E., Fernandez B.A., Kanematsu E., Gentles S., Christopoulos C.C., Choufani S., Kwasnicka D., Zheng X.H., Lai Z., Nusskern D.R., Zhang Q., Gu Z., Lu F., Zeesman S., Nowaczyk M.J., Teshima I., Chitayat D., Shuman C., Weksberg R., Zackai E.H., Grebe T.A., Cox S.R., Kirkpatrick S.J., Rahman N., Friedman J.M., Heng H.H.Q., Pelicci P.G., Lo-Coco F., Belloni E., Shaffer L.G., Poer B., Morton C.C., Gusella J.F., Bruns G.A.P., Korf B.R., Quade B.J., Ligon A.H., Ferguson H., Higgins A.W., Leach N.T., Herrick S.R., Lemyre E., Farra C.G., Kim H.-G., Summers A.M., Gripp K.W., Roberts W., Szatmari P., Winsor E.J.T., Grzeschik K.-H., Teebi A., Minassian B.A., Kere J., Armengol L., Pujana M.A., Estivill X., Wilson M.D., Koop B.F., Tosi S., Moore G.E., Boright A.P., Zlotorynski E., Kerem B., Kroisel P.M., Petek E., Oscier D.G., Mould S.J., Doehner H., Doehner K., Rommens J.M., Vincent J.B., Venter J.C., Li P.W., Mural R.J., Adams M.D., Tsui L.-C. *Science* 300:767-772(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	83641876
NCBI GeneID	54504
NCBI Accession #	NP_061902.2
NCBI GenBank Nucleotide #	NM_019029.2
UniProt Accession #	Q9H3G5 ; Q6UX20 ; Q8NBL7 ; Q96AR7 ; Q9HB41 ; A4D1A4
Molecular Weight	67.9 kDa
NCBI Official Full Name	probable serine carboxypeptidase CPVL
NCBI Official Synonym Full Names	carboxypeptidase, vitellogenic like
NCBI Official Symbol	CPVL
NCBI Official Synonym Symbols	HVLP
NCBI Protein Information	probable serine carboxypeptidase CPVL
UniProt Protein Name	Probable serine carboxypeptidase CPVL
UniProt Gene Name	CPVL
UniProt Synonym Gene Names	VLP; VCP-like protein; hVLP
UniProt Entry Name	CPVL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/cpvl-recombinant-protein-e-coli/117529>