

Recombinant Human VCP Protein

Catalog #	Source	Reactivity	Applications
CRP2514	E. coli	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human VCP Protein is produced by our E. coli expression system and the target gene encoding Ala2-Asn589 is expressed with a 6His tag at the C-terminus.
Form	Liquid in a 0.2 μM filtered solution of 50mM Tris-HCl, pH 8.0.
Gene Symbol	VCP
Alternative Names	Transitional endoplasmic reticulum ATPase; TER ATPase; 15S Mg(2+)-ATPase p97 subunit; Valosin-containing protein; VCP
Entrez Gene	7415 (Human)
SwissProt	P55072 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	<p>ASGADSKGDD LSTAILKQKN RPNRLIVDEA INEDNSVVSL SQPKMDELQL FRGDTVLLKG</p> <p>KKRREAVCIV LSDDTCSDEK IRMNRVVRNN LRVRLGDVIS IQPCPDVKYG KRIHVLPIDD</p> <p>TVEGITGNLF EVYLKPYFLE AYRPIRKGDI FLVRGGMRVAV EFKVVETHPS PYCIVAPDTV</p> <p>IHCEGEPIKR EDEEESLNEV GYDDIGGCRK QLAQIKEMVE LPLRHPALFK AIGVKPPRGI</p> <p>LLYGPPGTGK TLIARAVANE TGAFFFLING PEIMSKLAGE SESNLRKAFE EAEKNAPAIL</p> <p>FIDELDAIAP KREKTHGEVE RRIVSQQLLTL MDGLKQRAHV IVMAATNRPN SIDPALRRFG</p> <p>RFDREVDIGI PDATGRLEIL QIHTKNMKLA DDVDLEQVAN ETHGHVGADL AALCSEAALQ</p> <p>AIRKKMDLID LEDETIDAEV MNSLAVTMDD FRWALSQSNP SALRETVVEV PQVTWEDIGG</p> <p>LEDVKRELQE LVQYPVEHPD KFLKFGMTPS KGVLFYGPFG CGKTLAKAI ANECQANFIS</p> <p>IKGPELLTMW FGESEANVRE IFDKARQAAP CVLFFDELDS IAKARGGNVE HHHHHH</p>
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.
Application key:	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key:	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

- Directions for Use** Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
- Storage/Stability** Store it at -20°C to -80°C for one year.

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