

Product datasheet for TP311130

VCP (NM_007126) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human valosin-containing protein (VCP), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211130 protein sequence Red=Cloning site Green=Tags(s)

MASGADSKGDDLSTAILKQKNRPNRLIVDEAINEDNSVLSQPKMDELQLFRGDTVLLKGGKRREAVCI
VLSDDTCSDEKIRMNRVVRNLRVRLGDVISIQPCPDVKYGGKRIHVLPIDDTVEGITGNLFEVYLKPYFL
EAYRPIRKGDIFLVRGGMRAVEFKVETDPSYCVIVAPDTVIHCEGEPIKREDEEESLNEVGYDDIGGCR
KQLAQIKEMVELPLRHPALFKAIGVKPPRGILLYGPPGTGKTLIARAVANETGAFFFLINGPEIMSKLAG
ESESNLRKAFEEAEKNAPAIIFIDELDAIAPKREKTHGEVERRIVSQLLTLMDGLKQRAHVIVMAATNRP
NSIDPALRRFGRFDREVDIGIPDATGRLEILQIHTKNMKLADDVDLEQVANETHGHVGDLAALCSEAL
QAIRKKMDLIDLEDETIDAEVMNSLAVTMDDFRWALSQSNPSALRETVEVPQVTWEDIGGLEDVKRELQ
ELVQYPVEHPDKFLKFGMTPSKGVLFYGGPGCGKTLAKAIANECQANFISIKGPELLTMWFGSEANVR
EIFDKARQAAPCVLFFDELDSIAKARGGNIGDGGGAADRVINQILTEMDGMSTKKNVFIIGATNRPDIID
PAILRPGRLDQLIYIPLPDEKSRVAILKANLRKSPVAKDVDLEFLAKMTNGFSGADLTEICQRACKLAIR
ESIESEIRRRERQTNPSAMEVEEDDPVPEIRRDHFEEAMRFARRSVSDNDIRKYEMFAQTLQQRGFGS
FRFPSGNQGGAGPSQGGGGGTGGSVYTEDNDDDLGY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

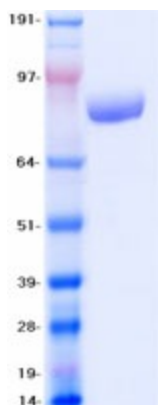
Tag:	C-Myc/DDK
Predicted MW:	89.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_009057
Locus ID:	7415
UniProt ID:	P55072
RefSeq Size:	3859
Cytogenetics:	9p13.3
RefSeq ORF:	2418
Synonyms:	CDC48; FTDALS6; p97; TERA
Summary:	This gene encodes a member of the AAA ATPase family of proteins. The encoded protein plays a role in protein degradation, intracellular membrane fusion, DNA repair and replication, regulation of the cell cycle, and activation of the NF-kappa B pathway. This protein forms a homohexameric complex that interacts with a variety of cofactors and extracts ubiquitinated proteins from lipid membranes or protein complexes. Mutations in this gene cause IBMPFD (inclusion body myopathy with paget disease of bone and frontotemporal dementia), ALS (amyotrophic lateral sclerosis) and Charcot-Marie-Tooth disease in human patients. [provided by RefSeq, Aug 2017]

Product images:



Coomassie blue staining of purified VCP protein (Cat# TP311130). The protein was produced from HEK293T cells transfected with VCP cDNA clone (Cat# [RC211130]) using MegaTran 2.0 (Cat# [TT210002]).