

Product datasheet for TP310546

VCIP 135 (VCPIP1) (NM_025054) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human valosin containing protein (p97)/p47 complex interacting protein 1 (VCPIP1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210546 representing NM_025054 Red=Cloning site Green=Tags(s)

MSQPPPPPPPLPPPPPPPEAPQTPSSLASAAAASGGLLKRRDRRILSGSCPDPKCQARLFFPASGSVSIET
TECGQRHEQQQLLGVEEVDTPDVLHNLRLNALLGVTGAPKNTLVKVMGLSNYHCKLLSPILARYGMD
KQTGRAKLLRDMNQGELFDALLGDRAFLIEPEHVNTVGYGKDRSGSLLYLHDTLEDIKRANKSQECLIP
VHVDGDGHCLVHAVSRALVGRELFWALRENLKQHFQQHLARYQALFHDFIDAAEWEDIINECDPLFVPP
EGVPLGLRNIHIFGLANVLHRPIILLDSLGMRSSGDYSATFLPGLIPAEKCTGKDGHLNKPICIAWSSS
GRNHYIPLVGIKGAALPKLPMNLLPKAWGVPQDLIKKYIKLEEDGGCVIGGDRSLQDKYLLRLVAAMEEV
FMDKHGIHPSLVADVHQYFYRRTGVIGVQPEEVTAACKAVMDNRLHKCLCGALSELHVPPEWLAPGGK
LYNLAKSTHGQLRTDKNYSFPLNNLVCSYDSVKDVLVDPDYGMSNLTACNWCHGTSVRKVRGDGSIVYLDG
DRTNSRSTGGKCGCGFKHFWDGKEYDNLPEAFPITLEWGGRRVRETVYWFQYESDSSLNSNVYDVAMKLV
TKHFPGEGFGEILVQKVVHTILHQTAKKNPDDYTPVNIDGAHAQRVGDVQGGQESQLPTKIILTGQKTK
TLHKEELNMSKTERTIQQNITEQASVMQKRKTEKLKQEQKQPRTVSPSTIRDGPSSAPATPTKAPYSPT
TSKEKKIRITTNDGRQSMVTLKSSTTFFELQESIAREFNIPPYLQCIRYGFPPKELMPPQAGMEKEPVPL
QHGDRTIEILKSKAEGGQSAHAHTVKQEDIAVTGKLSKELQEQAEMYSLCLLATLMGEDVWSY
AKGLPHMFQQGGVFYSIMKKTMGMADGKHCTFPHLPGKTFVYNASEDRLELCVDAAGHFPIGPDVEDLVK
EAVSQVRAEATRSRESSPSHGLLKLGGSGVVKKSEQLHNVTAFQGGKHSGLGTASGNPHLDRARETSV
VRKHNTGTDFSNSSTKTEPSVFTASSNSLIRIAPGVVTRMDGRQLDPDLVEAQRKQLQEMVSSIQASM
DRHLRDQSTEQSPDLPQRKTEVVSSSAKSGSLQTGLPESFPLTGGTENLNTETTDGCVADALGAFAFTR
SKAQRGNSVEELEEMDSQDAEMTNTTEPMDHS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

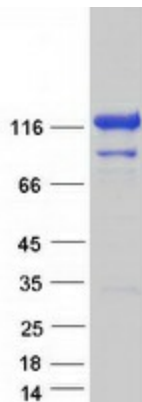
Tag:	C-Myc/DDK
Predicted MW:	134.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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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.
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_079330
Locus ID:	80124
UniProt ID:	Q96JH7
RefSeq Size:	8192
Cytogenetics:	8q13.1
RefSeq ORF:	3666
Synonyms:	DUBA3; VCIP135
Summary:	Acts as a deubiquitinating enzyme. Necessary for VCP-mediated reassembly of Golgi stacks after mitosis. May play a role in VCP-mediated formation of transitional endoplasmic reticulum (tER). Mediates dissociation of the ternary complex containing STX5A, NSFL1C and VCP (By similarity). Hydrolyzes 'Lys-11'- and 'Lys-48'-linked polyubiquitin chains.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified VCPIP1 protein (Cat# TP310546). The protein was produced from HEK293T cells transfected with VCPIP1 cDNA clone (Cat# [RC210546]) using MegaTran 2.0 (Cat# [TT210002]).