

## Product datasheet for **TP310546M**

### 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), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210546 representing NM_025054 Red=Cloning site Green=Tags(s)

MSQPPPPPPPLPPPPPPPEAPQTPSSLASAAAASGGLLKRRDRRILSGSCDPKQARLFFPASGSVSIEC  
TECGQRHEQQQLLGVVEVTDPDVVLHNLLRNALLGVTGAPKNTLVKVMGLSNYHCKLLSPILARYGMD  
KQTGRAKLLRDMNQGELFDALLGDRAFLIEPEHVNTVGYGKDRSGSLLYLHDTLEDIKRANKSQECLIP  
VHVDGDGHCLVHAVSRALVGRELFWALRENLKQHFQQHLARYQALFHDFIDAAEWEDIINECDPLFVPP  
EGVPLGLRNIHIFGLANVLHRPIILLDSLGMRSSGDYSATFLPGLIPAEKCTGKDGHLNKPICIAWSSS  
GRNHYIPLVGIKGAALPKLPMNLLPKAWGVPQDLIKKYIKLEEDGGCVIGGDRSLQDKYLLRLVAAMEEV  
FMDKHGIHPSLVADVHQFYRRTGVIGVQPEEVTAACKAVMDNRLHKCLCGALSELHVPPPEWLAPGGK  
LYNLAKSTHGQLRTDKNYSFPLNNLVCSYDSVKDVLVDPDYGMSNLTACNWCHGTSVRKVRGDGSIVYLDG  
DRTNSRSTGGKCGCGFKHFWDGKEYDNLPEAFPITLEWGGRRVRETVYWFQYESDSSLNSNVYDVAMKLV  
TKHFPGEGFGEILVQKVVHTILHQTAKKNPDDYTPVNIDGAHAQRVGDVQGGQESQLPTKIILTGQKTK  
TLHKEELNMSKTERTIQQNITEQASVMQKRKTEKLKQEQKGQPRVSPSTIRDGPSSAPATPTKAPYSPT  
TSKEKKIRITTNDGRQSMVTLKSSTTFFELQESIAREFNIPPYLQCIRYGFPPKELMPPQAGMEKEPVPL  
QHGDRTIEILKSKAEGGQSAHAHTVKQEDIAVTGKLSSKELQEQAEKEMYSLCLLATLMGEDVWSY  
AKGLPHMFQQGGVFYSIMKKTMGMADGKHCTFPHLPGKTFVYNASEDRLELCVDAAGHFPIGPDVEDLVK  
EAVSQVRAEATRSRESSPSHGLLKLGGSGVVKKSEQLHNVTAFQGGKHSGLGTASGNPHLDRPARETSV  
VRKHNTGTDFSNSSTKTEPSVFTASSNSSELIRIAPGVVTRMDGRQLDPDLVEAQRKQLQEMVSSIQASM  
DRHLRDQSTEQSPDLQQRKTEVVSSSAKSGSLQTLPEFPLTGGTENLNTETTDGCVADALGAFAFTR  
SKAQRGNSVEELEEMDSQDAEMTNTTEPMDHS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

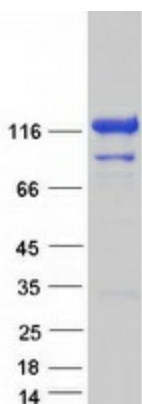
Tag:	C-Myc/DDK
Predicted MW:	134.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_079330</a>
<b>Locus ID:</b>	80124
<b>UniProt ID:</b>	<a href="#">Q96JH7</a>
<b>RefSeq Size:</b>	8192
<b>Cytogenetics:</b>	8q13.1
<b>RefSeq ORF:</b>	3666
<b>Synonyms:</b>	DUBA3; VCIP135
<b>Summary:</b>	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]).