

Product datasheet for PH310546

VCIP 135 (VCPIP1) (NM_025054) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	VCPIP1 MS Standard C13 and N15-labeled recombinant protein (NP_079330)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210546
Predicted MW:	134.1 kDa
Protein Sequence:	>RC210546 representing NM_025054 Red=Cloning site Green=Tags(s)

MSQPPPPPPPLPPPPPPPEAPQTPSSLASAAASGGLLKRRDRRILSGSCDPKQCQARLFFPASGSVSIEC
TECGQRHEQQQLLGVEEVTDPDVLHNLRLNALLGVTGAPKKNTELKVKMGLSNYHCKLLSPILARYGMD
KQTGRAKLLRDMNQGELFDCALLGDRAFLIEPEHVNTVGYGKDRSGSLLYLHDTLEDIKRANKSQCCLIP
VHVYDGDGCHLVHAVSRALVGRELFWHALRENKQHFQQLHARYQALFHDFIDAAEWEDIINECDPLFVPP
EGVPLGLRNIHIFGLANVLRPIILLDSLGMRSRSGDYSATFLPGLIPAEKCTGKDGHLNKPICIAWSSS
GRNHYIPLVGIKGAALPKLPMNLLPKAWGVPQDLIKKYIKLEEDGGCVIGDRSLQDKYLLRLVAAMEEV
FMDKHGIHPSLVADVHQYFYRRYVIGVQPEEVTAAAKKAVMDNRLHKCLLGGALSELHVPPEWLA
LNLAKSTHGQLRTDKNYSFPLNLLVCSYDSVKDVLVPDYGMSNLTACNWCHGTSVRKVRGDGSI
DRTNSRSTGGKCGGKGFHFWDGKEYDNLPEAFPITLEWGGRRVRETVYWFQYESDSSLNSNVYDVAMKLV
TKHFPGEFGSEILVQKVVHTILHQTAKKNPDDYTPVNIIDGAHAQRVGDVQGGQESQLPTKIIITGQKTK
TLHKEELNMSKERTIQQNITEQASVMQKRKTEKLKQEQKQPRTVSPSTIRDGPSSAPATPTKAPYSPT
TSKEKKIRITTTNDGRQSMVTLKSSTTFELQESIAREFNIPPYLQCIRYGFPPKELMPPQAGMEKEPVPL
QHGDRIITIEILKSKAEGGQSAHAHAHTVKQEDIAVTGKLSKELQEQAEMYSCLLATLMGEDVWSY
AKGLPHMFQGGVFYSIMKKTGMADGKHCTFPHLPGKTFVYNASEDRLELCVDAAGHFP
EAVSQVRAEATTRRESSPSHGLLKLGGGVVKKKSEQLHNVTAFQGGHSLGTASGNPHLDP
VRKHNTGTDFSNSSTKTEPSVFTASSNSELIRIAPGVVTRMDGRQLDPLVEAQRKQLQEMVSSIQASM
DRHLRDQSTEQSPDLQPKTEVVSASSAKSGSLQTGLPESFPLTGGTENLNTETTDGCVADALGA
SKAQRGNSVEELEEMDSQDAEMTNTTEPMDHS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

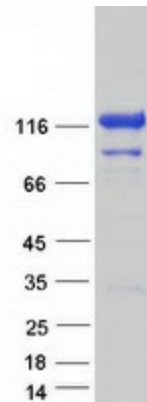
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine



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Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_079330
RefSeq Size:	8192
RefSeq ORF:	3666
Synonyms:	DUBA3; VCIP135
Locus ID:	80124
UniProt ID:	Q96JH7
Cytogenetics:	8q13.1
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]).