

Product datasheet for SC111292

VCIP 135 (VCPIP1) (NM_025054) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: VCIP 135 (VCPIP1) (NM_025054) Human Untagged Clone
Tag: Tag Free
Symbol: VCPIP1
Synonyms: DUBA3; VCIP135
Vector: pCMV6-XL4
E. coli Selection: Ampicillin (100 ug/mL)
Cell Selection: None
Fully Sequenced ORF: >OriGene sequence for NM_025054 edited

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GAATTCGGCACGAGCTGATGTCCATCAGTATTTCTACAGAAGGACTGGAGTGATAGGAGT
TCAGCCTGAGGAAGTCACAGCAGCTGCTAAAAAGCAGTAATGGATAATCGCCTTCACAA
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5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_025054 unedited
GGCGGCCCGCAATTCGCACGAGGCTGATGCCATCAGTATTTCTACAGAAGGACTGGAG
TGATAGGAGTTCAGCCTGAGGAAGTCACAGCAGCTGCTAAAAAGCAGTAATGGATAATC
GCCTTCACAAATGTTTGCTCTGTGGTGCCCTTTCTGAACTTCATGTTCTCCAGAGTGGT
TGGCTCCTGGAGGGAAATGTATAACCTGGCAAAAAGTACTCATGGACAGCTGAGGACTG
ACAAAAATTACAGCTTTCCCTTGAACAATTTGGTTTGCTCATATGATTCAAGTAAAGATG
TTCTGGTACCAGACTATGGAATGAGTAACCTAACAGCTTGAATTTGGTCCATGGCACAT
CTGTGCCAAAGGTCAGAGGAGATGGGTCTATTGTGATTTGGATGGAGACAGAATAATT
CTAGGTCCACTGGTGGCAAAATGTGGTTGGATTCAAACACTTTTGGGATGGTAAAGGAGT
ATGACAATCTACCAGAAGCTTTCCCTATTACTTTAGAATGGGGTGAAGAGTGGTCAGAG
AAACAGTATATTGGTTCCAGTATGAAAAGTGATTATCTTTGAATAGTAATGTTTACGATG
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AGAAAAGTTGTCCACACTATATTGCATCAGACTGCCAAAAAGAAATCCCGATGATTATACTC
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GTTAACATGAGTAAACTGAAAGACTATC
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_025054 unedited TATGGACCGCGGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTTTTTCT AGGTAAGAGATTGTATTAACATATATTTTGTCTTTCAGCCATTCAAATCAACTAATTT CAGTGAACAGAGAAGAATATGGGTTGAAATGTACACTTCAGGATACAGATTTGCAGAATA AAATAAAATAGTGCAATACCAATCTCAGGATAAACACTTCTGTGTTTTTAAGGAATA AGCATGAAAGCTGCTTCTCAAGGAACTGGCACTGAAGATTTGATGAATACACTAAGCAA ATACCCAGCTGATCAGGGTGTGATGCAGTAAAAATTTGCATCTAAACCCAAGTGAAGCCAA CAAATAAACTCTTATGGATTCTGAAAAAAAAAAAAAAAAATTTGGCTCAAAGGGCATAA ATACACTTAGCATATACAGGCTTAAATACCACTGATCAAAATTGTAGAACAATTAECTCA TTCATAAAGATAAACTCTTATTTATAAATTCTCTACTGCTACCATTATTTCTTTTCTAC CACACTTTGCAATCAACTTTTCTGCAAGATTAATAAAAAAAAAAAATCAGGTTGTTCTTGAC CAAGCCAGGAATCAAAAATAATGGTAACATTAATAGAGCACACACAATTGGCTGTGGCTC AGACAGCAACACAACCTGAATCACATTGACCTCATCAATCTAGAAGAAATTTTCCCAAT CTTGACAAAATCAGCAAAATGTTATATCGTTACATTCTATTCTCAAGAATTTTCGCCAAG AAATCTCTATGAATGTGTTTACGTTTCATAAAACATTTGCATTCCACTGTCTAATAAAAAT TGTATGAATTTAAGAACATTTAGTTCAGATAAATTCAGTTTACATAAACCTTTTGACCT TGTATATGAAATGTTACNTGATGACATCACATAGCACATCTCATTTCCCTCCATTGTAG GGCTTTCAGAATCAACGTATTTAGTTAGAGAATTC
Restriction Sites:	NotI-NotI
ACCN:	NM_025054
Insert Size:	4000 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_025054.3</u> , <u>NP_079330.2</u>
RefSeq Size:	8192 bp
RefSeq ORF:	3669 bp
Locus ID:	80124
UniProt ID:	<u>Q96JH7</u>
Cytogenetics:	8q13.1

Gene 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]