

Product datasheet for RN210483

Vcpip1 (NM_176857) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vcpip1 (NM_176857) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vcpip1
Synonyms:	Vcip135
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN210483 representing NM_176857 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCTCAGCCGCGCCCTCCTCCGCTGCCGCGCCGCGCCCTCCCCCGAGGCTCCGCAGACTTCGT
CGTCCCTGGCGGGCGGCTACTCCGGGGGCTTTCAAACGAAGGGACCGGAGAATCCTTTCCGGGAG
CTGCCCGATCCAAGTGCCAGGCGGGCTCTTCTCCCGCCTCAGGTTCTGTCAGCATCGAGTGTACC
GAGTGGGACAGCGGCAGGACGAGCAACAGCTGCTGGGAGTGGAGGAGGTGACCGACCCGGACGTAGTGC
TGACAATCTGCTGCGGAACGCGCTACTCGGGGTGACGGGGGCTCCCAAGAAGAACACGGAAGTGGTAAA
GGTGATGGGCTCTCAACTACCACTGCAAATTATTGTCGCCATATTGGCACGCTATGGAATGGACAAA
CAAACGGGCCGCGCAAGCTTCTCCGGGACATGAACCAAGGCAACTGTTTCGATTGCGGTTACTCGGTG
ACCGGGCTTCTCATCGAACCAGACAGTCAACACAGTGGGCTATGGCAAGGACCGATCTGGAAGCCT
CCTATATTTGCATGACTCTCGAGGATATCAAACGGGCAATAAAAGTCAAGAATGCCTTATCCAGTG
CATGTGGATGGGATGGACTGCCTAGTGCATGCTGTGTCTAGGGCTCTAGTAGGCCGAGAGCTCTTCA
GGCATGCCCTGAGGGAGAATCTGAAGCAGCACTTTCAGCAGCACTAGCCCGATATCAAGCCCTGTTTCA
TGACTTTATTGATGCTGCAGAGTGGGAGGACATTATCAATGAATGTGACCCCTGTGTTGTCACCTGAA
GGTGTCCCTTAGGCCTGAGGAATATCCACATATTTGGCCTTGCCAATGTGTTACATCGTCCCATATTC
TCTTAGATTCCCTCAGTGGCATGAGAAGCTCTGGTGATTATTCAGCCACCTTTCTACCTGGGCTCATACC
TGCAGAGAAGTGCAGTGGGAGAGATGGTCATTTGAACAAGCCAATCTGTATTGCGTGGAGTAGCTCTGGT
AGAAACCATTATATCCCTTGGTAGGCATAAAGGGGGCTGCCTTGCCCAAACCTACCCATGAATTTGCTAC
CTAAAGCATGGGGTGTGCCTCAGGACCTTATTAAGGAGTACATCAAGCTTGAGGAGGATGGTGGTGTGT
TATTGGAGGAGACAGAAGTTTGCAGGATAAGTACTTACTTAGGTTGGTTGCTGCTATGGAGGAAGTCTTT
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TGATAGGAGTTACGCCTGAGGAAGTTACAGCAGCTGCTAAAAAAGCAGTAATGGATAATCGCCTTACAA
GTGTTTGTCTTGTGGTGCCTTTCTGAACCTCATGTCCTCCTGAGTGGTTGGCTCCAGGAGGAAAACCTG
TATAACCTGGCAAAAAGTACTCATGGACAGCTGAGGCCTGACAAAAATTACAGCTTTCCTTTAAACAATT



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TGGTTTGTTCATATGATCCAGTGAAGATGTTCTGTTACCAGACTATGGATTGAGTAATCTAACAGCTTG
TAATTGGTGCCATGGCACATCTGTGCGAAGAGTCAGAGGCGATGGCTCTATTGTATATTTGGATGGAGAC
AGAACTAATTCTAGGTCTACTGGTGGCAAATGTGGTTGTGGATCAAACACTTTTGGGAAGGTAAAGAAT
ATGACAACCTTCCAGAAGCTTTTCTATCACTTTGGAGTGGGGAGGAAGAGTAGTCAGAGAAACAGTATA
TTGGTTCCAGTATGAAAGTGATCCATCTTTGAATAGTAATGTTTATGATGTTGCAATGAACTTGTACC
AAGCACTTTCCAGGTGAATTTGGGAGTGAGATCCTAGTTCAGAAAAGTTGCCACACTATATTGCATCAGA
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CTGTGATGCAGAAACGAAAACAGAGAAATTAACAAGAGCAAAAGGGGCAACCCAGAAGCTGTTTCTCC
AAGTACTATTCGTGATGGGCCTTCATCTGCACCTGCCACCCACGAAGGCTCCCTACTCACCTACCACT
TCTAAGGAGAAGAAGATTCGCATAACAATAATGATGGACGCGAGTCCATGGTTACCCCTAAGTCTTCAA
CAACCTTTTTTGAAGTTCAGGAAAGTATAGCCAGAGAGTTCAACATTCTCCATATTTACAGTGTATTCCG
ATATGGTTTTCTCCTAAAGAGTTAATGCCACCCCAAGCAGGAATGGAAGGAGCCAGTTCCTTTGCAG
CATGGTGACAGAATTACCATAGAGATCTTAAAAGGCAAAGCAGAAAGGTGGTCCATCCACTGCTGCACACT
CAGCCCACACTGTGAGACAAGAAGAGATTGCTGTTACTGGCAAGCTGTCCCTCAAGGAAGCTTCAGGAGCA
AGCTGACAAAGAAATGTATTCTTGTGTCTTTAGCAACATTAATGGGAGAAGACGTGTGGTCTTATGCA
AAGGGACTTCTCACATGTTCCAGCAGGGTGGTGTATTCTACAATATTATGAAGAAAACATATGGGCATGG
CTGATGGCAAACATTGTACTTTCCACATCTACCTGGCAAACCTTTGTTATAATGCTTCTGAAGACAG
ACTGGAGTTGTGTGTCGATGCCGAGGACATTTCCCATTTGGTCTGATGTTGAAGATTTAGTTAAAGAG
GCTGTAAGTCAGGTTGAGCAGAGGCTACTACAAGAAGTAGGGAATCAAGCCCTTACATGGGTTATTAA
AACTAGGTAGTGGTGGAGTAGTAAAAAGAAGTCTGAGCAACTCACAATGTAAGTGCCTTTCAGGGGAA
GGCCATTCTCTAGGAAGTGCATCCAGTAACCCGCACATGGATCCAGAGCTAGGGAAGCTGGCTGTA
AGAAAGCATAATACAGGGACAGATTTTAGTAATAGTTCATTAAAACAGAGCCCTCTGTGTTACAGCTG
CTTCTAGTAATAGTGAGCTTATTGCAATAGCTCCTGGAGTGGTAACAATGAGAGATGGTAGGCAGATTGA
TCCCGATGGTTGAGGCCAGCGAAAAAATTGCAGGAAATGGTTTCTTCTATTACAGGCATCAATGGAC
AAGCACTTGCAGGATCAAAGTACAGAGCAAACACCATCTGATCTTTCTCAAAGAAAAGTAGAAGCTGTGA
GTTCTTCTGTGAGGCCTGGGAATCTTCAGACTGGCTTGCCTGAATCTTTTTCTTAACTGGTGGCACTGA
GAATTTGAATACTGAAACAAGTATAGTCGTGTAGCAGATGTACTGGGAGCAGCATTTGCCACAAGGTCA
AAAGCACAAAAAGAAAATCCATGGAGGAACCTGAAGAGATGGATAGTCAAGATGCTGAGACAATAACA
CAACTGAGCCGATGGATCACTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_176857

Insert Size: 3666 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:

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: [NM_176857.3](#), [NP_789827.3](#)

RefSeq Size: 3864 bp

RefSeq ORF: 3666 bp

Locus ID: 286761

UniProt ID: [Q8CF97](#)

Cytogenetics: 5q11

Gene Summary: involved in golgi apparatus disassembly and reassembly during mitosis and in ER network formation [RGD, Feb 2006]