

## Product datasheet for **RR210642**

### Vcp (NM\_053864) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Vcp (NM_053864) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Vcp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide  
Sequence:

>RR210642 representing NM\_053864  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCTCTGAGCCGATTCAAAGGTGATGATTTATCAACAGCCATTCTCAAACAGAAGAACCCTCCCA  
 ATCGGTTAATTGTTGATGAAGCCATCAATGAAGATAACAGTGTGGTGTCTTGTCCAGCCCAAGATGGA  
 TGAACACAGTTGTTTCAGAGGTGACACGGTGTGCTAAAAGGAAAAGAGAAGGAAGCTGTATGCATT  
 GTTCTTTCTGATGACACGTGTTCTGATGAGAAGATTGCAATGAATAGAGTTGTTCCGGAATAACCTCCGAG  
 TTCGCCTAGGAGATGTCATCAGCATCCAGCCATGCCCTGATGTAAGTATGGCAAACGTATCCATGTGCT  
 ACCCATTGATGACACAGTGAAGGCATCACTGGCAATCTTTTGGAGTATACCTAAGCCGTA CTCTCTG  
 GAAGCATATCGGCCATCCGTAAGGAGATATTTCTTGTCCGGGTGGGATGCGTGTGTGGAGTTCA  
 AAGTAGTAGACAGATCCAGCCCTTACTGTATTGTTGCTCCAGACACAGTGTCCACTGTGAGGGGA  
 GCCAATCAAGCGAGAGGATGAGGAGGAGTCTTGAATGAAGTAGGCTATGATGACATCGGTGTTGCAGG  
 AAGCAGCTAGCTCAGATAAAGGAGATGGTGGAGCTGCCACTGAGACATCTGCACTCTTTAAGGCAATTG  
 GTGTGAAGCCTCCTCGGGGAATCTTGCTATATGGACCTCCTGGGACAGGGAAAACCTTGATTGCCGAGC  
 TGTGGCAAATGAACTGGAGCCTTCTTCTTCTGATCAATGGTCTGAAATCATGAGCAAATGGCTGGT  
 GAGTCTGAGAGCAACCTTCGTAAGCCTTTGAGGAAGCTGAAAAGAAATGCTCCTGCCATCATCTTCATCG  
 ACGAGCTTGATGCCATTGCACCCAAAAGAGAGAAAACCTCACGGGGAAGTGGAGCGTCGCATCGTGTCTCA  
 GTTGTGGACCCTTATGGATGGCCTAAAGCAGAGAGCACATGTGATAGTTATGGCAGCAACCAATAGACCC  
 AACAGCATTGACCAGCCCTACGGCGATTTGGTCGCTTTGACAGAGAGGTAGATATTGGAATCCCTGATG  
 CTACAGGACGTTTGGAAATCTTCAGATCCATACCAAGAACATGAACTGGCAGATGATGTGGACTTGG  
 ACAGGTAGCCAATGAGACTCATGGTCATGTGGTGCTGACTTGGCAGCCCTGTGTTTCAGAGGCTGCTCTA  
 CAGGCCATCCGGAAAAAATGGACCTCATTGACCTAGAAGATGAGACCATTGACGCTGAGGTGATGAATT  
 CCCTGGCAGTTACTATGGATGACTTCCGGTGGCCTTAAGTCAAAGCAACCCATCAGCACTTCGGGAAAC  
 TGTGGTAGAAGTGCCACAAGTAACCTGGGAAGACATTGGAGGCCTGGAGGATGTCAAACGGGAGCTTCAG  
 GAGTTGGTTCAGTATCCTGTGGAGCATCCAGACAAATCCTCAAATTTGGCATGACTCCTCCAAAGGTG  
 TTCTTTTCTATGGACCGCTGGCTGTGGGAAAACCTTACTGGCCAAAGCCATTGCTAATGAATGCCAGGC  
 TAACCTCATCTCCATCAAGGGTCTGAGCTGCTTACCATGTGGTTTGGGGAATCTGAGGCCAATGTCAGG  
 GAAATATTTGACAAGGCACGACAAGCTGCCCCCTGTGTACTCTTCTTTGATGAGTTAGATTCAATTGCCA  
 AGGCTCGTGGTGGTAATATTGGAGATGGTGGTGGAGCTGCAGACCGAGTCATCAATCAGATCCTGACAGA  
 AATGGATGGCATGTCCACAAAAAGAATGTGTTTATCATTGGAGCTACCAACCGGCTGACATCATTGAT  
 CCTGCTATCCTAAGACCTGGCCGTCTTGATCAGCTCATTATATCCCACTTCTGATGAGAAGTCCCGTG  
 TTGCCATCCTAAAAGCCAATCTGCGAAAAATCCCGAGTTGCCAAGGATGTGGATTGGAGTTCTTGCTAA  
 GATGACTAATGGCTTTTCTGGAGCTGACCTGACAGAAATTTGCCAACGTGCTTGTAACTAGCCATTCTGT  
 GAATCTATCGAGAGTGAGATTAGGCGAGAACGAGAGAGGCAGACAAATCCATCAGCTATGGAAGTAGAAG  
 AGGATGATCCAGTGCCTGAGATCCGACAGATCACTTTGAGGAAGCCATGCGTTTTGCCCGACGTTCTGT  
 CAGTGATAATGACATTCGGAAGTATGAAATGTTTGCCAGACACTGCAGCAAAGTCGAGGTTTTGGCAGC  
 TTCAGATTCCTTCAGGGAACCGGGTGGAGCTGGCCCAAGTCAGGGCAGTGGAGGTGCCACAGGTGGCA  
 ATGTGTACACAGAAGACAATGACGATGACCTCTATGGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



**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\\_053864.2](#), [NP\\_446316.1](#)

**RefSeq Size:** 3214 bp

**RefSeq ORF:** 2421 bp

**Locus ID:** 116643

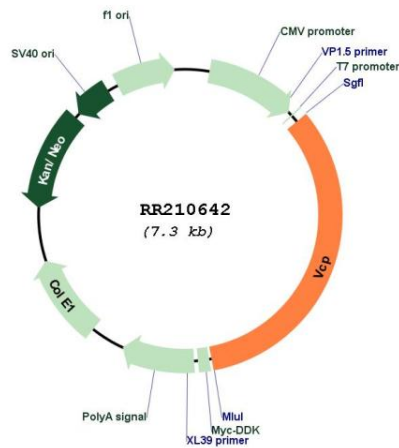
**UniProt ID:** [P46462](#)

**Cytogenetics:** 5q22

**MW:** 89.3 kDa

**Gene Summary:** ATP binding protein involved in vesicle transport and fusion; important for proper functioning of the endoplasmic reticulum [RGD, Feb 2006]

### Product images:



Circular map for RR210642