

Product datasheet for **RN217341**

Vwce (NM_001271311) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vwce (NM_001271311) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vwce
Synonyms:	RGD1309910
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN217341 representing NM_001271311

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

 ATGTGGGCTAGACTGTTGCTCCACATTGCCTACATCTTGATTCCGTTGCTGGGGTCTTCGGCCCGAGGCC
 ACACCGGGAGGAAGGCGTCAGGGCACTACTCTGCGGAGAGGCGTCGTCTGGGTCCCATGTTTGCTCTC
 TGGCTTTGGGAGTGGCTGCTGCCCTGGCTGGGCCCTTCCATGGGCAGTGGGCATTGTACCTGCCCTC
 TGCTCCTTTGGCTGTGGGAGGGGCATCTGCATCGCCCCAATGTCTGCTCCTGCCAGGATGGAGAGCAAG
 GGGCCACTTGCCAGAAGCCACGGATCTGCGGGGAGTATGGCTGTGACCTCACCTGTAACCATGGTGG
 CTGCCAGGAGGTTGCCGAGTGTGCCCTGTGGGTTTCTTGATGACCGAGACAGCTGTTGGTATCCGGTGT
 GCGGACATTGACGAGTGTAAAGCTCATCTTGAGGGCCACTGTGTGAACACAGAAGGTGGCTTCGTAT
 GTGAATGTGGGCCAGGCATGCAACTGTCCGCTGATCGTCATAGCTGCCAAGACACTGATGAGTGCCTGGG
 AACACCCTGCCAGCAGAGATGTAAGAACAGCATTGGCAGTTATAAGTGCTCTGCCGGGCTGGCTCCAC
 CTCCATGGCAACCGACACTCCTGCATAGATATAAACGAGTGTGCGGCGACCGCAGGAGAGAAGAATCTGTC
 ACCACACCTGCCATAACACTGTGGGCAGCTTCTATGCACCTGTAGACCGGGTTTCAGGCTTCAAGCTGA
 CCGTGTGTCTTGTGAAGCTTTCCGAAGGCCGTTCTGGCCCCATCTGCCATCCTGCAGCCCCGGCAGCAG
 CCTGCTAAGATGTCCCTGCTCCTTCTGAGGCAGGCCGGCTGCCCTGTCCCCAGGACACAGCCCTCCTC
 CAGGGGCCCCAGGATACCCCACTGGAGTTAGAACCATCAGTCAGCCATCTGCCACCCAGGCCCCACCCAC
 ATTCTTTGCCACACAGTTGACATCCACCCCAATTGCCAAGTTCTCCCCACTGGGGACCTTGGACCACCC
 TCACTTCTCCACAGGGAGGTTGTAGGGACCCCTTCTCACCTAGGGGTCTGAAAGCCCCAAGCTGGGAG
 CAGGGCCCTCTTCTGCCGGCACCTAGGAGCCACATATGAATCAGGGAGCCGCTGGAGGCAGCCCGGTG
 TTCTCAGTGCTTATGTGAGGATGGAGAGGTGACCTGTGGAGAAGTAAGGTGTGACTCTACCTGTTCCCAT
 CCAATTCCCCGAGCGAAGGAGGGTGTGCCCTCTTGCACTGGCTGCTTTCACAGTGGTGTATCCGAG
 CTGAAGGAGATGTGTTTTACCTCCTGAGGAGAACTGACTGTGTGTGTCTGTCTGGCTGGAAATGTTTC
 TTGTATCTCTCCGAGTGTCCCCTGGCCCATGCAAGGCTTCCCCACAGTCAGATTGCTGTACCTGTGCT
 CCAGGGAGATGCTATTTCCATGGTGGTGTACACGGACGGGGCTGTGTTCAAGTGGGGTGGTGACGACT
 GTACCACCTGTGTCTGCCAGAATGGGGAGGTAGAGTGTTCTTACACCATGTCCAGAATGGAGTGCCC
 TCGAGAGGAGTGGTTGCTGGGCCAGGACAATGCTGTTTTACCTGTGCGGAACCCACACCCACACAGGC
 TGCTCTCTCGATGACAACGGGGTTGAGTTTCCGATTGGACAGATCTGGTCGCTGGTGATCCCTGTGAGT
 TATGCGTCTGCCAGGCAGATGGCTCCGTGAGTTGTAAGAGGACAGACTGCGTGGATTCTTGCCCTACCC
 CATCCGGGTCCCAGGACAGTGTGCCCTGACTGTTACAGAGGCTGCACCTACACAGGCAGAACTCTCTAC
 AACAAATGAAACCTTCCCGTCAGTGCTTGACCCCTGTCTGAGCTGCATCTGCCTGTGGGCTCGGTGGCCT
 GCTCACCTGTGGACTGTCCCATCACCTGTACCTACCCCTTCCACCCGGATGGCGAGTGTGCCCTGTATG
 CCACGACTGTAACCTCGAGGGGAGAAAGGTGGTGAATGGTCAGGTGTTTACCTTGGATGATGAGCCTTGT
 ACCCGGTGTGTCTGCCAGCTGGGAGAGGTGAGCTGCGAGACGGTCCCTTGCCAGCCAGTCTGTACTGACT
 CCTCCTGCCAGATTCCCTGTTTCTCAAGAAGAAAAGCAGCAACCCCTCCCTCATGGAGATCTTGCCAA
 AGCTGCACGGAACCCCGTGGAGACACTGAAGTCCCTGTCAATTGTAGCTCCTGCCAGGGCCCCCATCA
 GCATCACCTGCAAGGCCACGTCCAGCTCCTGAAGCTGCTCTTAAGAACAACCTGTCTAATGTTCACT
 CTGCATCCCCAGGCCCTCAGTAGCCAGGCTCATCCTCACTCCTGCTGGATCCACAGGCACAGTCTCT
 TGGGAAGCCTGGAGCCTCCCGGCCAGTGAGCCCTCAGGAGGGGCACCTGTCTCTCTGGACTGCCCACT
 CTACCTCCAGCCATTCTGGGACTCCCTCATCAACTGTCACTCCAGAAAGCTCTTCTTCAACCTTACGGG
 TTCGGACAGCATTTCAAGTGGCTCTGTCTACCACCGCTTGAAGTGGAGGAGAAACACCTTCAAGTACTGA
 CACTGACCTCTCAGAGACCCTTGCCACCTCTCGAGGCCTCAAAGACTCTCTGCAACTCTCTGGACACC
 CCTAACCTGTTCCCAACAGTCCACAGCAGACACCTTGAAGGAGGAGGAATCTACCAT**CTGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:	NM_001271311
Insert Size:	2793 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001271311.1, NP_001258240.1</u>
RefSeq Size:	2793 bp
RefSeq ORF:	2793 bp
Locus ID:	309209
Cytogenetics:	1q43