

Product datasheet for **RN217039**

Wac (NM_001270417) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wac (NM_001270417) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Wac
Synonyms:	RGD1562407
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217039 representing NM_001270417
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGTAATGTATGCGAGGAAACAGCAGAGACTCAGTGATGGCTGTCACGACCGGAGGGGGACTCTCAGC
 CTTTCCAGACACTTAAGTATTTCGTCAAAGAGTCACCCAGCAGTGGTGATCACAGACATGAAAAGATGCG
 AGACGCCGCGAGATCCTTACCACCAAAACAAATGTTGCGGAGATCTAATAGTCCTGAAAAACAAATACAGT
 GACAACACAGGTCACAATAAGGCCAAAAATGTGCATACTCAAAGAGTTAGAGAAAGGGAAGGTGGGACCA
 GTTACTCTCCACAAGAAAACACACAACCACAGTGCTCTTCATAGTTCAAATTCACATTCTTCTAATCC
 AAGCAATAATCCGAGCAAAGCTTCTGATGCACCTTATGATTCTGCAGATGATTGGTCTGAGCACATTAGC
 TCATCTGGAAAAAATACTACTACAATTGTCGCACAGAAGTTTCACAGTGGGAGAAACAAAAGAGTGCC
 TTGAAAGAGAACAGAGACAAAAAGAAGCAAATAAGTTGGCAGTTAATAGTTTCCAAAAGACAGGGATTA
 CAGAAGAGAGGTGATGCAAGCAGCAGCCACTAGTGGGTTACCAGTGGAATGGAAGACAAGCATTCCAGC
 GATGCCAGTAGTTTGCTCCACAGAATATTTTGTCTCAAACAAGCAGACACAATGACAAAGACTACAGAC
 TGCCAAGAGCAGAGACTCACAGTAGCTCTACGCCAGTACAGCACCCCATCAAACAGTGGTTCATCCAAC
 CGCTACCCCAAGCACTGTTCTTCTAGTCCATTTACGCTTCAGTCTGATCACCAGCCAAAGAAATCATTT
 GATGCTAATGGAGCATCTACTTTATCAAACCTGCCTACACCCACAGCTTCTCTCCCTGCACAGAAAAACAG
 AGAGAAAAAGAACTGCTCCAGGAGACAAGTCAGTATCACACTCTTGACAACTCCTTCCACATCTTCAGC
 CTCTGGCCTGAACCTACATCTGCGCCCCAACATCTGCTTCAGCCGTACCTGTTTCTCCCGTCCACAG
 TCGACAATACCTCCATTACTTCAGGACCCAAACCTTTTAGACAGTTGCTTCTGCTTTGCAAGCCACGC
 TACAGCTTAATAATTCTAATGTGGACATATCCAAATAAATGAAGTTCTTACAGCAGCTGTAACACAAGC
 TTCCCTGCAGTCTATCATCCACAAGTTTCTTACTGCTGGACCATCTGCTTTCAACATCACCTCTCTGATT
 TCTCAAGCTGCCAGCTTCTACACAAGCCAGCCATCTAATCAGTCTCCAATGTCTCTAACGTCTGATG
 CTTTCATCCCAAGATCCTATGTGTCTCCAAGAATAAGCACACCTCAGACTAACACAGTCCCATTAAACC
 TTTGATTAGTACTCCGCTGTCTCATCAGCCAAAGGTTAGTACTCCAGTAGTTAAGCCAGGACCAGTG
 TCACATTTCGGCTACACAGCAGCCGTGACTGCTGACAAGCAGCAGGGCCATGATCCTGTCTCTCCACGAA
 GTCTTCAGCGCTTAAGTAGCCAGAGAAGTCCATCACCTGGTCCAAATCATACTTGTAGTAGTAATGCATC
 AACTGCAGCTGTTGTACCACAGAACGCATCTGCTAGGCCTGCGTGCTCATTAAACCTACTCTAGCAGCA
 CACTTCAATGATAATCTCATAAAACATGTTCAAGGGTGGCCTGCAGACCATGCAGAGAAACAGGCATCAA
 GATTGCGTGAAGAAGCCATAATATGGGAAGTGTTTCATATGTCAGAAATATGTACTGAGTTAAAAAATTT
 GAGATCATTAGTTCGAGTATGTGAAATTCAAGCACTTTGCGAGAGCAGAGGATACTCTTTTGGAGACAA
 CAAATTAAGGAACTCGAAAAGCTAAAAAATCAGAAATTCCTTCATGGTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001270417

Insert Size: 1941 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_001270417.1, NP_001257346.1</u>
RefSeq Size:	2385 bp
RefSeq ORF:	1941 bp
Locus ID:	307029
Cytogenetics:	17q12.1