

Product datasheet for **RN216106**

Rnf187 (NM_001164264) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Rnf187 (NM_001164264) Rat Untagged Clone

Tag: Tag Free

Symbol: Rnf187

Synonyms: RACO-1; RGD1308636

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >RN216106 representing NM_001164264
Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

CTGGCGCTCCCCGCGGGCCCCGCTGAGGCCATCTGCGCCTTGTCAGCGCGCGCCCCGGAACCGGTGC
GCGCTGACTGCGGCCATCGTTTCTGCCGGGCGTGCCTGGTGCCTTCTGGGCCGAGGAGGACGGGCCCTT
CCCATGCCCGAGTGTCCGATGACTGCTGGCAGCGCGCGGTAGAGCCAGCCGCCACCACTGAGCCGC
CGCCTCTTGGCGCTCGAGGAGCGCGCGCGCGCGCGATGGCCCTGCTAGCGAGGCCGCGTTGC
AGCTGCTATGCCGTGCCGACGAGATCCGCTGTGCTCTGCTTGCCGCATGGCCGCCGTCCGAGCCGCC
TGAGTGGGAACCGCTTGAGGAAGGCGCTGCGTGGCAAGGAGAACAAAGGCTCTGTGGAATCATGAGG
AAGGACTTAAATGATGCCCGGGACCTGCATGGTCAGGCAGAATCCGCTGCTGCTGTGTGGAAGGGCATG
TTATGGACCGAAGAAAGAAGGCCCTGACTGACTATAAGAAGCTTCGGGCCTTCTTCGTGGAGGAGGAGGA
ACACTTCTGCAAGAGGCTGAGAAGGATGAGGGTGCTTCTGATGACGATGAGCTGGCTGACCCGGCAGAT
CGCTTCCGGTCGCTGCTGCAGGCGGTGTCAGAGCTGGAGAAGAAGCACCGTAACCTGGGCCTTAGCATGC
TTCTGCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001164264

Insert Size: 711 bp



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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_001164264.1, NP_001157736.1</u>
RefSeq Size:	1905 bp
RefSeq ORF:	711 bp
Locus ID:	360533
UniProt ID:	<u>D3Z8N2</u>
Cytogenetics:	10q22
Gene Summary:	E3 ubiquitin-protein ligase that acts as a coactivator of JUN-mediated gene activation in response to growth factor signaling via the MAP3K1 pathway, independently from MAPK8. [UniProtKB/Swiss-Prot Function]