

Product datasheet for **RN213109**

Rnf167 (NM_001008361) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Rnf167 (NM_001008361) Rat Untagged Clone

Tag: Tag Free

Symbol: Rnf167

Synonyms: RGD1305972

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

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

Fully Sequenced ORF: >RN213109 representing NM_001008361

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCACCCTGCGGCCTTCCCGCTCCCTGTTGTTGTGGCTACTGTGCTGTGGGAGCAGCCCTATCCGAG
GGCTTATTCGAGCGACTTCGGAGCACAATGCCAGCATGGACTTTGCAGACCTTCAGCTCTATTTGGGGC
CACTCTGAGCGATGAGGGACTCCAGGGTTCCTTGTGGAGGCCACCCAGAAAATGCCTGCAGTCTATT
GCCCCACCACCTCAGCCCCAGTCAATGGGTCACTTTTATTGCACTGCTTCGAAGATTCGACTGCAACT
TTGACCTCAAGGCTCTAAATGCTCAGAAAGCTGGGTATGGTGCAGCTGTGGTACACAACGTGAATTCCAA
TGAACCTCTAAACATGGTGTGGAATAGTGAGGAAATCCAACAACAGATCTGGATCCCATCTGTATTATC
GGAGAGAGAAGTGCAGAGTACTTACGAGCTCTTTTGTCTACGAGAAGGGGGCTCGGGTGCTTCTGGTCC
CAGACAATAGCTTCCCCTTGGGCTATTACCTCATTCTTTCACTGGGATTGTAGGACTGTGTTTTGGC
CATGGGAACAGTATTGATAGTTCGTTGCATCCAGCACCAGGAAACGGCTTCAACGGAACAGACTTACCAAA
GAGCAACTGAAACAGATTCCTACTCATGATTATCAAAAAGGAGATGAGTATGATGTCTGTGCCATCTGTC
TGGATGAGTATGAGGACGGGACAAGCTTCGGATACTTCCCTGTGCTCATGCTTACCACAGTCGCTGTGT
GGACCCCTGGCTCACTCAGACCCGCAAGACCTGCCCTATCTGTAACAGCCTGTCCATCGGGGCTGGG
GATGAGGAACAGGAAGAAGAACTCAAGGGCAAGAAGGAAGGTGATGAAGGGGAGCCAAGAGACCAAC
CTGCTTCAGAATGGACCCCACTCCTAGGCTCTAGCCCTACTCTTCCCACCTCCTTTGGCTCCTAGCTCC
TGCTCCCCTGGTCTTTCCGGGGCCCTCCACAGACCCCTCACCTTCTCCTCATCTGCTGCCCTGGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001008361
Insert Size:	1050 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:	<u>NM_001008361.1, NP_001008362.1</u>
RefSeq Size:	1882 bp
RefSeq ORF:	1050 bp
Locus ID:	360554
UniProt ID:	<u>Q5XIL0</u>
Cytogenetics:	10q24
Gene Summary:	May act as an E3 ubiquitin-protein ligase, or as part of the E3 complex, which accepts ubiquitin from specific E2 ubiquitin-conjugating enzymes, such as UBE2E1, and then transfers it to substrates, such as SLC22A18. May play a role in growth regulation involved in G1/S transition.[UniProtKB/Swiss-Prot Function]