

Product datasheet for MC211075

Rnf167 (NM_027445) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rnf167 (NM_027445) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rnf167
Synonyms: 0610010G05Rik; 5730408C10Rik; AU019305; AV328608
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211075 representing NM_027445
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCACCC**TGCGGCTTCCCGCTTCTGTTGTCGTTGGCTACTGTACTGTGGGAGCAGCCCTGTCCGAG**
GGCTGATTCGAGCGACTTCGGAGCACAATGCCAGCATGGACTTTGCAGACCTTCCAGCTCTGTTTGGGC
CACTCTGAGCGAGGGGACTGCAGGGTTCCTTGTGGAGGCCACCCAGAAAATGCCTGCGGTCTATT
GCCCCACCACCTCAGCCCCGGTCAATGGGTCACTTTTATTGCACTGCTTGAAGATTCGACTGCAACT
TTGACCTCAAGGTCTAAATGCTCAGAAGGCTGGGTATGGTGCAGCTGTGGTGCACAATGTGAATCCAA
TGAACTGCTGAACATGGTGTGGAACAGCGAGGAAATCCAACAGCAGATCTGGATCCCATCTGATTTATT
GGAGAGAGAAGCGCAGAGTACCTACGAGCCCTTTTGTCTACGAGAAGGGGGCTCGGGTCTTCTGGTTC
CAGACAACAGTTCCTTGGGCTATTACCTCATTCTTCACTGGGATTGTAGGATTACTGGTTTTGGC
CATGGGAACAGTATTGATAGTTCGTTGCATCCAGCACCGAAACGGCTTCAGCGGAACCGACTTACAAA
GAGCAACTGAAACAGATTCTACCCATGACTATCAGAAAGGAGATGAATATGACGTCTGTGCCATCTGTC
TGGATGAATATGAGGATGGGACAAGCTTCGAGTACTTCCCTGTGCTCATGCTTACACAGTCGCTGTGT
GGACCCCTGGCTCACTCAGACCCGCAAGACCTGCCCATCTGCAAACAGCCTGTACATCGGGGTCTTGGC
GATGAGGAGCAGGAAGAAGAACTCAAGAGCAAGGAAGGCGATGAAGGGGAGCCAAGGGACCAACCTG
CTTCAGAAATGGACCCACTCCTGGGCTCTAGCCCTACTCTTCCCACCTCCTTTGGATCCCTAGCCCTGC
TCCCTGGTCTTCCCTGGGCCCTCCACAGATCCCTCACCTCCTTCATCTGCTGCCCTGGCTGA****

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_027445



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Insert Size:	1044 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:	<ol style="list-style-type: none">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_027445.2</u> , <u>NP_081721.1</u>
RefSeq Size:	1841 bp
RefSeq ORF:	1044 bp
Locus ID:	70510
UniProt ID:	<u>Q91XF4</u>
Cytogenetics:	11 B3
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] Transcript Variant: This variant (1) encodes the longer isoform (1).