

Product datasheet for **MC217375**

Rnf217 (NM_001146349) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Rnf217 (NM_001146349) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Rnf217 |
| Synonyms: | AU016819; lbrdc1 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >MC217375 representing NM_001146349
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCGAGGAGCAGAGCACGGTGAGCGGCAGCGGGCGCGGCCTCTGGCGGAGGCTCGGCCGGCC
 AGCCCGAGTCCCCAGGCCGCGAGGGGACCGCGTCCGGACAGCCGGGCCGCGCTGCAGCCTCCTCTTC
 ACGGCCGAACGGCGCGCGCGCGCAGAGACCCGGGCTGCGTGGACGCGAGTGTCCAGGAGCCTGCGAGC
 AACCGGGCCCCGGCAGGGCAGCCCGCGGACTGCCACTCAGCGGGCCCCTGGACCCCAAGTCTGGAAC
 TGCAGCTGGAGCGCAGGCGGAGGGAGCGGGCCACGGGAGGCGCCCCCGGCCAGCAGCCCCCGACGG
 GCTGCTCTGGACGTCTGGCCAGCGACACCCGCCCCCGCCAAAGCCGAAGTCTCTGCTCCGTGTAC
 TGCGTGGAGAGCGACTTGCCCGAGGCCCTCCGCCGAGTCCCGTCGCCGTCCGAGTCCCACCTCAAG
 CACCGTGGGGCCGATCCCGCCAGCCCGCCCTCCTTCCCCAGCTCCCGCTGTGCTCCCGGTGA
 CCCCCTTCCCCGACGGCGGCAGCATCGAGCTGGAGTTCTACCTGGCTCCGGAGCCCTTCTCCGTGCCT
 GGCTATTAGGGGCTCCACCCTACTCTGGCCTGGGGGAGTAGGGGACCCCTATGCGCCCTCATGGTGC
 TGATGTGCCGGGTGTGCCTGGAAGACAAACCCATCAAGCCCTGCCCTGTGCAAGAAGGCGGTGTGCGA
 GGAGTGCCTCAAATCTACCTGAGCTCTCAGGTACAACCTTGCCAAAGTAGAAATCAAATGCCAGTCACA
 GAGTGTTCGAATTCCTGGAGGAAACAACCTGTTGTCTACAATTTAACCCATGAGGACTCTATCAAGTATA
 AGTACTTCTTGAACTTGCCGAATTGACTCCAGCACCAAGCCATGTCTCAATGCAAACACTTCACAAC
 CTTTAAGAAAAAGGACATATCCCCTCCTTCCAGATCAGAAAGCAGATACAAAATCCAGTGTCCCACT
 TGCCAAATTGATCTGGTGTTTAAGTGCCACTCTCCTTGGCATGAAGGTGTTAACTGCAAGGAGTACAAAA
 AAGGAGACAAGTTACTGCGTCACTGGCCAGTGAGATTGAGCAGGGCAGAGAAATGCCCAGAAGTGTCC
 AAAGTGAAGATCCATATCCAGAGAACAAGGGTGTGACCATATGACTTGTTCACAGTGTAACTAAT
 TTTTGCTATCGATGTGGAGAGATACCGCCAGCTCCGGTTTTTCGGAGACCACACATCAAACCTCAGTA
 TATTTGGATGCAAATATCGCTACCTCCCAGAGAGACCTCATTTAAGAAGATTAGTTCGAGGGTCAGTCTG
 TGCTGAAAGCTTTCATTGCGCTCTCATCTGGTTTTGGGATTGGCACTAGGGGCCATAGCAGTTGTA
 ATCGGTTTATTTGATTTCTATATATTGCCTTTGTA AAAAACAGAGAAAGCGATCACGGACAGGTATGC
 ACTGGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001146349

Insert Size: 1548 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: [NM_001146349.1](#), [NP_001139821.1](#)

RefSeq Size: 2873 bp

RefSeq ORF: 1548 bp

Locus ID: 268291

UniProt ID: [D3YYI7](#)

Cytogenetics: 10 A4

Gene Summary: E3 ubiquitin-protein ligase which accepts ubiquitin from E2 ubiquitin-conjugating enzymes in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. [UniProtKB/Swiss-Prot Function]