

Product datasheet for **MC219196**

Rnf180 (NM_027934) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rnf180 (NM_027934) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rnf180
Synonyms:	3110001E11Rik; Rines
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219196 representing NM_027934
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAAAGAAGCGAAGAGTCGACAAGTACGCAGAGCCCCGAGGAGCAAACAGGCACCCCTTCATTGTTGGA
 GATGTAGAAAATGCATTGCAAGTTCTGGTTGCTTCATGACTCCTTTGAGACTCAAGTGGTTGAGCAGGA
 CAGACATGAATCAGTTGATGCTCAAAACACCTGTACCTGTGGCACATGAATGTAGACGCCCTTCGGAG
 TGGATCAGCTGCTTGCTGCAGAAGGCCAGTGGACAGTTGGGAACTGAATTGTCCTTTCTGTGGGGCCC
 GATTAGGGGGCTTTAATTTTGTGAGCACTCCAAAATGTTCTGTGGCCAGCTTGACAGCTGTACATCTCTG
 CAAGAGCCGACTGATCACCAAGCAGCACAGGGAGGGAGACTAATGAGACCAGCGCTGAAACATTTGCCA
 CATCCCGAGTCCCGTCAGGTTGTGATAAGGAACTCTGCTGACAGGTGGTGGCTCCAAACCAGAAACC
 ACTGGCTTTAAGCATGGCCGAAACAGTAACGGCCTCGGAAGACTTACAGAAGCACTCTGCCTGGAGGT
 GCGAGCGACGTATTTTGTAGATGAAGAATGAAAACTGCTCTTCAAAGCCTCGGACCCAAAATGCCAGCCT
 TTTGTTCTCAGCCTGACACCGGAGGTGCTCTTCAAGAGCGTCTCACAGAAAGTACACAGTTTGGACC
 TGAACATCAGTGAGAAGCTGATTTTATTACCCACTTTATATGAAATACATCGTAAGCCTACTGCCTATCC
 CAGGCTAAATGAAACGGGGCCATTGACCTTTCAGGCTTGGCTTACCGTGTAGTAACAGTAGCTGCTCC
 TTTCAAAGCCACCTAGTTTGTATCCGAATATGCTGCTGCACAGACTTTCAGTGGCTCCCATGAGACCC
 AGGCACAAAGGGGAAGAGAATGCCAGTGCAGCCTAGAGCTTCTTCAGTCTACTCGGATCACGCTAACGC
 TAACAGCCTGCCATTCTGATGGATCTGCCCTCAGCAGGGAGGAGCGTGTGGAGGCCTCGGACCAAGAG
 GAGCACCTCTCCAGCTGGACTTCTGCGCTCTGCCAGCTTCCCTTGGGCACCATTAACCACAGGCTGA
 ACAACAGGGAGAGAAGCAAGTTGAGGACTCTGCGAAGGCAGCAGAGGCGCGAACGATGGCTACAGAAGCA
 GGGTAAATACTCAGGAGTGGGCTTGCTGGATCACATGACCGTGAGTAATGAGATGAGTACAGATGAGGAA
 ACGGAGTCCCAGAGGAGAAGGACAGCTACATGTGTGAGTGTGCTGGATGTGTACTTCAACCCCTACA
 TGTGCTACCCCTGCCACCACATCTTCTGCGAGCCTGCCTACGAAGTCTGGCCAAAGACAACCCGCAAG
 CACTCCCTGCCACTGTGCCGACAATTATTTCTAGAGTCTTTCTCCAGACAGAACTGAACAATGCCACA
 AAGACATTCTTTACTAAGAATATTTGAAAATCAAGCAAGCTTTTCAAGAAATCCAGCTCTGCGAAGTGGC
 CCTTGGCGAGCTGCAGGAAAGGATTCCATCTCTCGGAGGGAAGCCAGCACAAGACTCAAGCCGTGCAG
 GATCTTGGATACAGGAATGAGATACGAGGCCATGGAGGGGTGCTGCTTACTGACCTGCTCGCATGGATGG
 CGCGCTCAGCCTGCTTTCTATCCCACTCAGGACACTGCCTGGGG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_027934

Insert Size: 1728 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_027934.2</u> , <u>NP_082210.1</u>
RefSeq Size:	3785 bp
RefSeq ORF:	1728 bp
Locus ID:	71816
UniProt ID:	<u>Q3U827</u>
Cytogenetics:	13 D1
Gene Summary:	E3 ubiquitin-protein ligase which promotes polyubiquitination and degradation by the proteasome pathway of ZIC2.[UniProtKB/Swiss-Prot Function]