

Product datasheet for MC211263

Rnf135 (NM_028019) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rnf135 (NM_028019) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rnf135
Synonyms: 0610037N03Rik; 2410006N06Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211263 representing NM_028019
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGGCCGTTTGTCTGGCAATGCAGTCCCCGTGGCTGAGCGAGGACGACCTGAGCTGCATTATCT
 GCCAAGGGCTACTAGACCAGCCACCACGCTGCCCTGTGGCCACAGCTTCTGTCTCCGGTGCCTCCATGA
 CCTGTGGGTCTCGAAGCGTGGGGCGTGGATGGCTGCCCTTGGGCTTGGCCATATGTCGGAAGGGTCCC
 TTGACAAAAGCCAAAGCTGCACAAGAACCCTGCTGCAAGACCTGGTGGACAAGTACCTCCAAGCGGCGC
 GGGAGGTCGAGGCTGGCTCGGAGCCTGAACCCGCCCGCGCGCTTCTGCGCCCCAGGTGACAGTACA
 GAAAAGTACCACAAACGTTATCCAGGAGCTGACTGACATGGTGGAGACAGCTTGTAGACGATGTCAAGAGC
 CTTCAAACGCAAAGACCAACTTGGGATCTGGACAGGACAATGCACAAGGCACCCACCCACGGATTCTT
 CCTCTGAGGGGAAACATTCCTTGGATTCTCAAAGCTGGTACCTTCAGTATATCTCAGAAGAAAATTCA
 GGAGATTCTCCATAACCTGGAAGAAATTCAGGAGAACTGCAAGGGAGTGTCCAGGGAGAGCGCCCCCT
 AGAGAGCGAGTTCAGGAAATGACATCTTCTTGTGCTGCTGCCCTGACCAGAGGCGTCTGCACCCAGGA
 AAGCTTCTCACTTGTCCCTGTGGCCATCAGTCCAACCTTGGACCTGAGGACCTCTCCTATAACCTGGA
 GGTTTCCAACAATAGCCGAGAGTGACTGTGCTCGTGGTGATCTGCACACCTATCACTGGAGTCCCCAG
 AGATTTTCAATTAGCCAGGCTTTTTGTTCTCAGGCCCTCTCTTCTGGACAGAAGTACTGGGAAGTGACA
 CTAGGAACTGTAGCCACTGGGCCATCGGGTAGCTTCTTGGGCAATGAAGCGGGACGGGATGCTGGGAAG
 GACTATGGACTCCTGGTGTATAGAGTGGAGAGGGCCTGGCCAGTTCTCTGCTTGGGCAAGATGAAGAAA
 ACAGACTTGCAGTCGGACCTCCCTGAGGTTGTGGGCGTGGCTGGACCTGGAGTCGGGGAGCTTGCTT
 TCTACGCAGTGGCCGATCAGGAGGGCTCTGTATGAGTGTGAGGTCTCTAGCTCCTCTCCTCTGCATCC
 CGCCTTCTGGCTGTATGGCTTAAGTCTGGAACTACCTGGAAATAAAGCAGCTAAACACA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_028019
Insert Size:	1254 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:	NM_028019.3 , NP_082295.1
RefSeq Size:	1959 bp
RefSeq ORF:	1254 bp
Locus ID:	71956
UniProt ID:	Q9CWS1
Cytogenetics:	11 47.59 cM
Gene Summary:	Acts as an E2-dependent E3 ubiquitin-protein ligase, involved in innate immune defense against viruses. Ubiquitinates DDX58 and is required for full activation of the DDX58 signaling resulting in interferon beta production.[UniProtKB/Swiss-Prot Function]