

Product datasheet for **MC222004**

Rnf19a (NM_013923) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rnf19a (NM_013923) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rnf19a
Synonyms:	AA032313; Dorfin; Rnf19; Ubce7ip2; UIP117; XYbp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222004 representing NM_013923
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCAAGAACAAGAAATAAGTTTTATTTTTAAGTATAATGAAGGGCTGTGTATGAACATTGACTCTGACT
 CAATTCTGATGAGCATTTTAGACATGAGTTTACATCAGCAAATGGGCTCAGATAGAGATCTTCAGTCTTC
 TACTTCTCCGTGAGCTTGCCTTCTGTCAAAAAGGCACCCAAACAGAGAAGGATTTCAATAGGCTCTCTC
 TTTCCGAGGAAGAAGGACAGCAAACGAAATCAAGGGAGCTCAATGGTGGAGTGGATGGAATGCAAGTA
 TTGAGAGTATACATTCTGAAATGTGTGCTGATAAGAACTCCATTTTCTCTACAAATACCTCTTGACAA
 TGGATTGACTTCCATCAGCAAACAAATGGAGACTTTATAGAATGTCCTTTGTGCCTTTTACGGCATTCT
 AAAGACAGATTTCTGATATAATGACATGCCACCATAGATCTTGTGTGGATTGCTTACGACAATACCTAA
 GGATAGAAATCTCTGAAAGTAGAGTTAATATCAGTTGCCAGAATGCACTGAACGGTTTAACTCTCATGA
 CATTTCGTTGATATTAAGTGATGATGTCTTAATGGAAAAATATGAAGAATTTATGCTTCGACGGTGGCTT
 GTTGCAGATCCTGACTGTAGGTGGTGTCCGGCTCCAGACTGTGGATACGCTGTGATAGCATTGGATGTG
 CCAGCTGTCCAAAATAACTTGTGGGCGAGAAGGCTGTGGAACAGAGTTTTGCTACCACTGTAAACAGAT
 CTGGCATCCAAACCAGACCTGTGATGCTGCTCGACAGGAAAGAGCCAAAGTTTACGCTTAAAGACTATA
 CGTTCTTCATCTATTAGTTACAGCCAGGAATCTGGAGCAGCAGCTGATGATATAAAGCCATGTCCACGAT
 GTGCTGCTTATAATAAAGATGAATGATGGGAGTTGCAATCATATGACATGTGCTGTCTGTGGTTGTGA
 GTTTTGTTGGCTATGATGAAAGAAATCCTCGATTTACATTATCTAAGTCCCTCAGGTTGACTTTTTGG
 GGAAGAAACCTGGAGCCGAAAGAAGAAATCCTGTGGCAGCTGGGAACCTTGTGGTCTCCCGTAG
 GGATTGCTCTCATAGCTGGCATTGCCATTCGCCCATGATCATTGGCATTCTGTGTACGTTGGGCGCAA
 GATTCATAATCGCTATGAAGGCAAAGATGTTTCAAACATAAGCCGAATCTGGCCATAGCAGGCGGTGTC
 ACCCTGTCTGTAATCGTGTCTCCGGTGGTGTGCAAGTACTGTAGGCATTGGTGTCCCATCATGCTAG
 CTTATGTCTATGGTGTGGTCCCAATTTCTCTGCCGAAGTGGGGTTGTGGTGTCTCTGCGGGCAATGG
 GAAAGGAGTGAGGATTGAGTTTGTGATGATGAGAATGACATAAACGTCGGTGGGACTAACGCAGCCATAGAT
 ACAACATCAGTAGCAGAAGCAAGGCACAACCTAGCATAGGAGAGGGAAGTGTGCGCGCCCTGACTGGCA
 GTTTGTGAGTCAAGTGAAGCCACATGGATCGAATAGGCACCATTAGAGACAACCTGAGTGAGACAGCGAG
 CACCATGGCATTAGCTGGAGCTAGTATCACGGCAGTCTGTGCGGAAGTCCCATGGTAAACTGTTTCAAC
 AGTTTGAAGTACAAGCAGACGTACAGAAAGAACGGTGTAGTCTCAGTGGAGAGTCTGGCACAGTGAAGT
 TGGGAACAGTTAGTGATAACGCCAGCACCAAGCAATGGCGGGATCCATTCTCAACTCCTACATCCCTCT
 GGACAGAGAAGGGAACAGCATGGAAGTGAAGTGGATATTGAGTCAAAGCCATTCAAGTCCGACACAAC
 AGTGAAGCAGCAGTGTGGATGACAGTGGTGTACCCGAGGCCACACAGGCGGGCGTCCAGTGGCTTGC
 CCGAAGGTAAATCCAGTGTACCAAGTGGTCCAAGGAAGCAACAGGAGGAAAAAAGTCAAAAAGTGGTAA
 ACTGAGGAAAAAGGGTAAACATGAAGATCAATGAGACCAGAGAGGACATGGATGCACAGTTGTTAGAGCAA
 CAAAGCACGAACCAAGTGAAGTTGAGGCGCCATCCCTCAGTGACAGCATGCCGTCTGTAGCAGATTCCC
 ACTCCAGTCATTTTTCTGAATTTAGCTGCTCAGACTTAGAAAGCATGAGAAGTCCCTGTAGTCACGGCTC
 CAGTGATTGCCACGCCCCTTACAGCTGTGAACACCCCTCCTGAGGTAGAAAACGACCCAGTGGAGAAC
 TCACCACACCAAGTGCAGCAGCGCTCTGCTTTCAAAGTCTTCTGTTTCAAGTGTCCCACAGCCAGCC
 ATGCTGCAGACGAGCATGGCACCAGCAGAAGTGGGGGAAGCCTATGGTGGATTTGTGTTTTGGTATGC
 ACTGAGAGAGACAAATAAACCCTCGCACCAGACAGCAGCCTGAAAGTTGCTGTCCAGACTGAAATT
 TAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_013923
Insert Size: 2523 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_013923.2 , NP_038951.1
RefSeq Size:	4276 bp
RefSeq ORF:	2523 bp
Locus ID:	30945
UniProt ID:	P50636
Cytogenetics:	15 B3.1
Gene Summary:	E3 ubiquitin-protein ligase which accepts ubiquitin from E2 ubiquitin-conjugating enzymes UBE2L3 and UBE2L6 in the form of a thioester and then directly transfers the ubiquitin to targeted substrates, such as SNCAIP or CASR.[UniProtKB/Swiss-Prot Function]