

Product datasheet for **MC222544**

Rnf216 (NM_207110) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rnf216 (NM_207110) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rnf216
Synonyms:	2810055G22Rik; AI647468; AU019462; C86502; F830018F18Rik; TRIAD3; Ubce7ip1; UIP83
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF:

>MC222544 representing NM_207110
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCAGAGGGAAACAACAAGAGGAGGTCACTTGAACAACTTTCCCTGCCACCGGGGAAAGGAAT
 GGATGGCTGTCAGAGAGGGGCCATCACCATATCTGACTCCTCTGATGAGGAAGGGATTCCAATGCTGGT
 TACCCAGCTACAGAGCAACAGGAAGACACCTGGATGATGATGTCATCCTGACGAAACACATAAACCT
 CAGACATCCCGCCCAATCTCATCAAACAGCTGCCAGTGGCAAGATCTGAACAGATTGGGAGAAGAAA
 GGCCTAGAAAATCTAGAGCAGACTTTGAAGCAGATATCCACAACATTTTTCTTTTGAACAACCTCATT
 GTTTGGTTCTGGGGCACAGGATGATTCTGAGGATGAATATGGTGGATTTCTGGATCTTGAGAGTGGCAAA
 AAAGAGGGAGAAGCCAAACCTGGACCAAGCAGTAAGCAGACAGCAGCAGATATTGTCAACCCAGATTGG
 AGCAGAAAAGTCATTATATTGGGAGAAAATGGTCTTCTTTCCAGAAAAGTGAGCCTTTGGAAGTTCAGAA
 CCAATCATCCGAAGACTCAGAGACAGAGCTTATCAAATCCTGGAGAGCCAGCTGCCTCAGTAGATGAC
 CAGCTAATTGGAGAAGAGTACTGGCTTGACCATCCATACTCCAGGCTCCGAATCCACAGCTCAGGAAA
 GAACAAACCAGGTTGTGCCCAAGAGCGACATTCTGAATCAGAAATGGGCCCAATGTTTTCCGCCATGA
 TTTCCAGAGCCAGCTTTTCCAAGGCCAGAACCCAGCAGGAGGGGATTCCAGGCCCTGCTTCTCCACAG
 CCAGCCCATCCTCTAGGAGAGCTTGAAGACCAGCAGTTAGCAATTGATGAAGACCCTGGGCCAGCCTTCC
 CCCTGTCAGGACCTCAGGAGGCCAATTGGCAAACATGTGGGAACAAGAAGCTGCTGAGGTAGATCAAGA
 CCTCATTCCACTGTTAGTGAAAGAAACGGAAGCAAGATTTCCAGATGTAGCAAGTGGATATGTTGAAGAA
 ATAATTCATTTGAAAAATTAATGATTGAAATGACTTTGTAATTTTCTTCTGGAAAACCCAGATTATC
 CAAAGAGAGAAGACCCGGCTTATTATCCACCCAGCAGCAGCTGCTTGCCAGCCAGGATGACGCCAAGTT
 GCCTAAAATAGACTTTTTGACTATTCCAAATTGACTCCAATTGACCAGCGCTGCTTCATCCAAGCTGCT
 GACCTCCTGATGGCTGATTTCAAGATGCTTAGCAGCCAGGACATCAAGTGGGCCCTTCATGAGCTCAAAG
 GACACTATGCAATCACCCGAAAGGCCTTTTCCGATGCCATTAAGAAATGGCAGGAGTTGTACCTGAAAC
 CAGTGGAAAACGGAAAAAGGAAAGAAATGAATCAGTATTCTTTCATAGATTTCAAGTTGAAACAAGGA
 AACATAAAAAATAGAAAAGAGGATGTTCTTTCTGGAAAACAAGCGTCGACACTGTAGGTACTATGACCATC
 AGGCCCTCCTCCAGCTGTGAAACAGGAGCAGGAATTCTATGAGCAGAAAATTAAGAGATGGCAGAGCA
 TGAAGACTTCTTGCTCGCCCTGCAGATGAATGAAGAACAGTATCAAAGGATGGCCAGCTGATTGAATGC
 CGCTGTTGCTATGGGGAGTTTCCATTTGAGGAGCTGACACAATGCGCCGATGCTCACTTGTCTGCAAAG
 AATGTCTCATCAGATATGCCCAGGAGGCAGTGTGGATCTGGAAGTCAAGAACTCAGCTGCATGGAAGG
 CAGCTGCACGTGCTCCTCCCAACCAAGTGAAGTGGAGAAGGTGCTCCCCAGACCATTCTGTACAATAC
 TATGAACGGAAAGCTGAGGAAGAAGTGCCTGCAGCCTATGCTGATGAGCTTGCCGGTGCCCTCCTGCA
 GCTTCCCTGCTCTGTTGGACAGCGATGTGAAGAGGTTCAAGTGCCTGACCTGTGAAGAGCTGGCAGAAAAGGAT
 GACATCAAGTACCGGACATCCATTGAAGAAAAATGACTGCTGCTCGGATTAGAAAATGTCACAAGTGTG
 GAAGTGGCCTCATCAAGTCTGAAGGCTGCAACCCGATGTCTTGGCGCTGTGGTGGCCAGATGTGCTACCT
 CTGTGAGTTTCTATCAATGGCTATGACCATTTCTGCCAGCATCCTCGCTCTCCAGGAGCCCTTGCCAA
 GAATGTTCCAGGTGCTCCCTGTGGACCCGACCCCACTGAAGATGATGAAAAGCTGATTGAGGAAATCCAAA
 AGGAGGCCGAGGAGAACAGAAGAGAAAGAAATGGAGAGAACACCTTCAAACGCATCGGGCCCCACTGGA
 GAAGCCAGCTGAGAAGGTGCAGCGTGTGGAAGCCCTGCCGCGCCTGTCCACAGAACCTGCATCCTCAG
 ATGCCGCCATATGCCTTTGTTCAACCCACCTTCCCCCTGCCACCTGTGCGGCCGTGTTCAACAACCTCC
 CCATCAACATGGGTCTGTGCCGCTCCCTATGTCCCCCTTGCCCAACGTGCGTGTCAACTATGACTT
 TGGCCACATGCACGTGCCCTGGAGCACAACCTGCCATGCACTTGGCCCCAACCCAGGCATCGCTTC
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:	NM_207110
Insert Size:	2733 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_207110.1 , NP_996993.1
RefSeq Size:	4692 bp
RefSeq ORF:	2733 bp
Locus ID:	108086
UniProt ID:	P58283
Cytogenetics:	5 G2
Gene Summary:	Acts as an E3 ubiquitin ligase, which accepts ubiquitin from specific E2 ubiquitin-conjugating enzymes, and then transfers it to substrates promoting their degradation by the proteasome. Promotes degradation of TRAF3, TLR4 and TLR9. Contributes to the regulation of antiviral responses. Down-regulates activation of NF-kappa-B, IRF3 activation and IFNB production. Promotes TNF and RIP mediated apoptosis.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (B) represents the longest transcript and encodes the longest isoform (B).