

Product datasheet for **MC203064**

Rel2 (NM_153793) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rel2 (NM_153793) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rel2
Synonyms:	4631403P03Rik; ependolin
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC038500
 CCACGCGTCCGGACGGTTTCGGAGGCGCCCTCCCCAACCCCTCTATTTTCCCGCCGGAGTAATCCGGA
 GCCTGTGCGGGTCCCTACCGGCCACATCCTTCCCTCCCCCGTCTGCCGCGGAACCGGTATCCGCAGC
 CACCAGCCCGGAGCCGGTGGAGCGGCAAGGGGGAGGGGGAGGAAGCAAGGGATGAGCTCCGGGAGGGC
 GTCGGGGGCCCTGAGCCGGACGAGGACGCCCTGGAGCCGGGACCCGAACCGGAGCCGGAGCCGGAGACA
 GAACCAAAACCACCGCTGCAGCCCACTAAACCCAGGAGGCGCCCTGGCCCGCGCTCGCCCCCAGGGCCTC
 ATGTCGGAACACAGCCTGACCTGGAGCCGCCCAACATGGGCTGTACATGCTCTTCTGCTTGTGCTGG
 TCTTCTTCTCATGGGCCTTGTAGGCTTATGATCTGCCACGTGCTCAAGAAGAAAGGCTACCGTGCCG
 CACGTCTAGGGGCTCAGAGCCTGATGATGCCAGCTCCAGCCCTGAAGACGATGACGTGAATGAGGAC
 ACAGTAGAGCGGATTGTTGCTGCATCATCAAATGAAGCCAATGCTGAGGCCTGAAGGAGATGCTAG
 GGGACAGTGAAGGAGAAGGGACGGTGCAGCTCTCCAGTGTGGATGCCACCTCCAGCTGCAGGACGGAGC
 CCCCTCCATCATCACACAGTGCACCTTGGCTCTGCAGCTCCTTGCATCCACTGCAGCCGACGAAGAGG
 CCCCCACTTGTCCGTGAGGTCGCTCTAAGGAAGGAAAAAGCCGTCCAGACCTGGAGAGACCCTGTTT
 TTTAGTGGGACAGATTCCGAGTAACACACATTGAGAAGCGCTACGGCCTACATGAACATCGTGATGGTTC
 CCCTACGGACAGAAGCTGGGCTCTGGTGGAGGGCAGGAGCCAGGGGGTAGTCAGCGGGTGGAGGAGGG
 CAGCCTAGGACAGGACAGCTGCCATTGAGAGGCTGCTCCCTGAGCCGCCACCCTCCAGCCCGCAGCCA
 CCCACTCAGTGCAGAACGGAAGACTCCAGGATGCCAGCCTCGTCCCTGTACACTTGAGGGGACCCCTGG
 AACCTCTGCAGAACTGAACTTGGGCCCTAGAGGGAGAGACCCAAGCCAGGGCTGTCTAGTCAAGAAGCA
 AATGGACAGCCAACAAACTGGACACCTCAGGTGAGCAGGTATGAAGACATGCCAGGGTGCACCTGGGC
 AGTGGCGGACACACATCTACCATCCCTACTCTGGGCAACGTGGGTATGATCCACTTCTGTTCCCACTG
 AATCCTTCCCCCTCCTCTCAGGAGTCTCTACCACAGAAGCAGGGGTATGTGAGCAAGTCTCCCTGAG
 CTCAGATCAGGTAATCTCACCTCCTGCCCTCTATCTAACTACTCAAGCCCATCAACTCCCTGAATCC
 TGGAGTGGGTGAACTGTAAGCTTAGTGTGGGGAGCGGGCACAGGTTCTCCAGGAGATACAATACAA
 TGCTGGAGAACAGAGCTTGACTAGGCAACAACACTGCTTCCCTTCTTCCAAAGCCTCAGTCTTCA
 CTGTGCTGATGGGTTACCAGCAGCATTGCCAGGGACGATAGCCAGGAAGGCTCTCCCTCCACTGGA
 CAGCTCTGCCCTCAGTTGAGGGACCACTCTACTTCCATCTGGAGATACATGGTCCCGGCTGAGAGCC
 CTCAGGAGGAGCCCTCCCAATCCAGCCCTCATTCTGTTCCCTTTCCCACTGCCAACAGGTTGCC
 TGGCCTGCCTTCCCCAAAACCTCGCTCCACATGCTAGAGCGTGGCTGCTGGGACCAGGCCCTACCCTCGG
 TGGGCCCTAAAGCAATAGCACCTTAGGCCCTGCCATCTTGGCACAAGAGGCCAGGCCCTGGCTTGG
 ACTTCATACCCTTTATTCAGTCAATAAATCCGCTCAGACCAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_153793
- Insert Size:** 885 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: [BC038500](#), [AAH38500](#)

RefSeq Size: 2090 bp

RefSeq ORF: 885 bp

Locus ID: 225392

UniProt ID: [Q8BRJ3](#)

Cytogenetics: 18 B3

Gene Summary: Induces activation of MAPK14/p38 cascade, when overexpressed. Induces apoptosis, when overexpressed.[UniProtKB/Swiss-Prot Function]