

## Product datasheet for **MC201910**

### **Rel1 (NM\_145923) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rel1 (NM_145923) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rel1
Synonyms:	AA536743
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC066160 sequence for NM\_145923  
 GTCCTGGCGGGTCCAGGCTGAGCGGGTAGGGGCTCGCGGGGGCCGAGCTCCTGCATTCAATCCACCCGGC  
 AGCCCTCGAGCTGCACCGTCTACCCCGACCCGGGACGCCGCGCCGGGGCGAGGAGGGCAGAGGGACGCG  
 GCGATGGCTCTGTGGGACTCCCGGGTCCGCTGTGCTTGTGCTTCACTGTTTGTGGGAGGCGTGTGA  
 GTTCGCGCTGGTGGCCGCCACAACACTGGTAGCCACACGTTACACTCCCGAGCAGAGACCCTCCATC  
 GTCACCCACCAACAACCTGGGAATGGACACCCGGAATACATCGCGTACGTGCTCGTCCCTGTGTTCTTC  
 GTCATGGGTCTCCTTGGTGTCTCATCTGTCCTTACTTAAGAAGAAAGGCTACCGGTGTACAACGGAGG  
 CGGAACAGGAAGTCAAGAGGAAAAGGTGGAAGATAGAGTTGAATGACAGTATAAATGAGAACAGTGA  
 CACGGTCGGCCAGATTGTCCAGTACATTATGAAAATGAAGCAATGCAGATATCTTAAAAGCTATGGTA  
 GCTGATAACAGCGTGGGCGATATTGAAAGCCCTGTCACTCTAGCACGCCAGGGAGCCACCTGTGAGTC  
 CTGGGCCCTGTACCAGGGGCCACCCAGGGAAGCATGTCTGTGGTCATCATCTGCACACAGTGGGAGG  
 TGTCTGTTAAACGGGATGTGTGCCAGCGATGCAGGCACAAGCGATGGCACTTATAAAAACCCACCAACAAG  
 ACCAAAGAGGGACGGCCACGGCGACAAGGCGAGGTACCCGTCCTCTGTGGCAGGTTCCAGAGTCAAG  
 AAGTGGAGCACAAGTCAAATCAGAAGGAGCGCAGAAGTTTGTGTCTGTCACTGAGTGGCATTGAGAGTGTCAA  
 CGGGGATGTGCCGACGCCTGTGAAGAGGGAGCGGAGTGACACGGAGTAGCTGCAGCTGCTGGCTTTC  
 TTGAAGAGTTCTAAGAGACTCCGAACCTGCGAGATAATGAAGTCGCCTAGGGAATATTTTTATATGTTTT  
 ATACAGTTTCTATCATGAAGTCAATGGGCATGCGGATCAAACCCAAAAGGCATATTTTTGCTACGCTGG  
 ACACAGAAATTCAGCTTGTCTTGAAGAAGCTTTGGGCTTAAAAGGTGTGATGAAAGTTTTAGTCCGTTT  
 CTAAGGAAAGAGCTTCTCTTTTAGACAACCGTCCCGAGGTGCACATTCCTGGCTGTCCATACCCAG  
 GCAGCTACTCCCTTGAACCATGGCATTATGAACAAACAGAGGAGCCATTTCCAGCTGAGCTTGTGTTG  
 GCATGTGACATCTGTTCTGAACCCCGATTCCATGTTGACTTTGGCCCTAAGATCTTAATACACACAG  
 TTGGGCTGTTACAGAAGACTCTTGCCTGCAAAAAGTCCCTGAAAACATCTAGTGCTTAGAAAATGATCC  
 CTAGGACGTCATGGGATCCAATGGAACACAGGCGCCCTGCCTAAAGATTCCTGGACCAACAAGAAAT  
 CAGCACTGACTCCTGCTCCCGTACGCTGCCCCCTGTCATTCTCTGGTCACTTAGAAGACACAGAGACTA  
 TGACTGTTGTTATGGACTTAATCTAAACAGCTGGCTTTTGTGCTGATTGAGTAAAAGGAAAATGGTTTA  
 AAGGCAGCCAAAGGCCAAAAACAACACTCCTCTTATGAAAACAGCCCTTGGACTTCCGCTGTTTAC  
 TCAGGATCCTGTGTAGCTGATGCTTAGTAAAGGCTTCTAGGAAGATCGCAAGTTGAAGGCTCCCGTG  
 TTATAGAGTGTTCAGGGGATAGCCTGGGTGACTGAGCCAGATCCTGTCTTCAACAAAAAAGTGAAGAG  
 AGGGCTGGGCTATCACTCAGTGGTAGAGCATGTGCTCTACCAGTCTTAGGGGCTTCTGCCTGGTAGGGC  
 TCTCTCTTGGCCTGTTTTATAAACGCCTCAAAGTACATAGGTCTGGGATGGGAGGGTGGCGGGCGG  
 CAAGCTTTATGCCCTACTTCCATTGGTGTGATGCATTAATACTACTGGGTGTGGTTTTGGGTTTTTTGTTT  
 GTTTGTTTTTTTTGTTTTTGTCTTTAATTTGGCTGTACAAAAATAAATAGAAAAAAGTGGGGTGGG  
 GTTTTAAAAAATATACCCAGGCATTTTCTGTTAAAAAATTTCTGCTTCTGGACACAACTAATTTT  
 TTTTTTCAAACATTTTATGCGTGTGGTAGATGCAGTTTGTGTAACCCACACTGGCAGCTAGTGACTT  
 GGTATGTGTGTTGTGCTACTAAGCAGAGATGCCAGTGTGGATGCCAGGTTCACTGTGGTCCAGGAAGCA  
 GAGTGAGTGCTCATGGGAGTAATGTTTGTGCAGCTAAGCCAGTATTTTTACTTAAACAAACAAACAAAA  
 AAGTATACATTTTGAACAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_145923

**Insert Size:** 819 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:** [BC066160](#), [AAH66160](#)

**RefSeq Size:** 2481 bp

**RefSeq ORF:** 819 bp

**Locus ID:** 100532

**UniProt ID:** [Q8K2J7](#)

**Cytogenetics:** 5 C3.1

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