

Product datasheet for **RN210067**

Rel2 (NM_001014149) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rel2 (NM_001014149) Rat Untagged Clone
Tag: Tag Free
Symbol: Rel2
Synonyms: RGD1305276
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210067 representing NM_001014149
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCGGAACCACAGCCTGGCCTGGAGCCGCCCAACATGGGCTGTACATGCTCTTCTGCTTGTGCTGG
TCTTCTTCTCATGGCCTTGTAGGCTTCATGATCTGCCAGTGCTCAAGAAGAAAGGCTACCGCTGTCC
CACATCTAGGGGCTCAGAGCCTGATGATGCCAGCTCCAGCCCTGAAGACGATGACGTGAATGAGGAC
ACAGTAGAGCGGATTGTTGCTGCATCATCCAAAATGAAGCCAATGCTGAGGCCTTGAAGGAGATGCTAG
GGGACAGTGAAGGAGAAGGGACGGTACAGCTCTCCAGTGTGGATGCCACCTCCAGCCTGCAGGATGGAGC
CCCTTCTCATCATCACACAGTACACCTTGGCTCTGCAGCTCCTTGCATCCACTGCAGCCGACGAAGAGG
CCCCACTTGTCCGCCAGGGTCGCTCTAAGGAAGGAAAAGGCCGCCAAGACCTGGAGAGACCACTGTAT
TCTCAGTGGGCAGATTCCGAGTGACACACATTGAGAAGCGCTATGGCCTTCAAGACCCGTGATGGTTC
CCCTACAGACAGAAGCTGGGCTCTGGTGGAGGACAGGAACCAGGGGTTAGTCAGGTGGCTGGAGGGCAG
CCTAGGACAGGGACAGCTGCCATTGAGAGGCTGCTCCCTGAGCCACCACCCTCCAGGCCGACGCCACCC
ACCCAGTGCAGAATGGAAGACTCAAGGATGCCAGCCTAGTCCCTTGTACACTTGAGGGGACCCCTGGTAC
CTCTGCAGAACTGAACGTGGGCACTAGAGGGACAGGCCCAAGCCAGGGCTGCCTAGTCAAGAAGCAAAT
GGACAGCCAACCAAACTGGACACCTCAGGTCAGCAGGACTCTCTACCACCAGAAGCAGGGGGTAT**GTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001014149
Insert Size: 909 bp



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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:	<u>NM_001014149.1</u> , <u>NP_001014171.1</u>
RefSeq Size:	1764 bp
RefSeq ORF:	909 bp
Locus ID:	361313
UniProt ID:	<u>Q5FVJ4</u>
Cytogenetics:	18p11
Gene Summary:	Induces activation of MAPK14/p38 cascade, when overexpressed. Induces apoptosis, when overexpressed.[UniProtKB/Swiss-Prot Function]