

Product datasheet for **SC321942**

RELL2 (NM_173828) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RELL2 (NM_173828) Human Untagged Clone
Tag:	Tag Free
Symbol:	RELL2
Synonyms:	C5orf16
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_173828.3
 GGCGATCTCCCTGACCCAGGGCCGGAGTTGCCCGGAGCCTGCCACCGCTCTCAGCCAGCC
 CGCATCCTTCTCTGTTTCCCTCCCCCGCTGCCACGGCGCGGGTATCCGCAGCCACA
 GCCCGGGCCGGTGAGGCGGCGAAGGGGGAGGGGAGGAATCAAGGGATGAGCGCCGGAAG
 GGCGTCGGGGCCCTGAGCCGCACTAGGACGCCCTGGAGCCGGAACCCAGCAGAAGCC
 GGAACCCAGAACCAATCACCGCTGCAGCCCCCTAAACCCAGGAGGCGCCCTGGCCCGGC
 TCGCCCCCAGGGCCTCATGTCCGAACACAGCCTGACCTGGAACCGCCCAACATGGCC
 TATATATGCTCTTCTGCTTGTGCTGGTCTTCTCCTCATGGCCCTGGTAGGCTTCATGA
 TCTGCCACGTGCTCAAGAAGAAGGGCTACCGCTGCCGCACGTTCGAGGGGCTCTGAGCCTG
 ACGATGCCAGCTTCAGCCCCCTGAGGACGATGACATGAATGAGGACACAGTAGAGAGGA
 TTGTTTCGCTGCATCATCCAGAATGAAGCCAATGCTGAGGCCTTGAAGGAGATGCTGGGG
 ACAGTGAAGGAGAAGGGACAGTGCAGCTGTCCAGTGTGGATGCCACCTCCAGCCTGCAGG
 ACGGAGCCCCCTCCATCATCACACAGTGCACCTGGGCCCTGCAGCCCCTTGCATCCATT
 GCAGCCGACGAAGAGGCTCCACTTGTCCGTGAGGACGCTCCAAGGAAGGAAAAAGCC
 GCCCCCGACAGGGGAGACCACTGTGTTCTGTGGGCAGTTCCGGGTGACACACATTG
 AGAAGCGCTATGGACTGCACGAACACCGTGATGGCTCCCCACAGACAGGAGCTGGGGCT
 CTCGTGGGGGACAGGACCCAGGGGGTGGTCAGGGGTCTGGGGGAGGGCAGCCCAAGGCAG
 GGATGCCTGCCATGGAGAGGCTGCCCCCTGAGAGGCCACAGCCCCAGGTCTAGCCAGCC
 CCCCAGTACAGAAATGGAGGACTCAGGGACAGCAGCCTAACCCCTCGTGCCTTGAAGGGA
 ACCCCAGAGCTTCTGCAGAGCCAACACTGAGGGCCGGAGGGAGGGGCCCAAGCCAGGGC
 TGCCCACTCAAGAGGCAAATGGGGAGCCAAGCAAAACCAGACACTTCTGATCACCAGGTGT
 CTCTACCACAGGGAGCAGGGAGTATGTGAGTCTCCTTCATTGTGCTGATGGACTACCAGC
 TGGCAGGGCCAGGGGGTGGGTGGCGGTGAAAGCCCTCCCCTCCACTGGACAGCACTGCC
 CCCAGCTGAGGGACAGCTCTACTTCCACCTGGAGTTGCACAGTCTCAGGCTGGGGCCCT
 CAGGAGAGGTCACAGCCCCTCAGTCTTCTCCTTCCCCTGCCTGCAACAGGCTGCCTGC
 CCCGCTTCCCCAACACCTCGCTCCATATGATAGAGCGTGGCAGCTGGGAGCAGGCCCT
 GCCCGTGGTGGGCCCTAAAGCAATAGCACCGTAGGCCCTGCCCTTATAGCACAAGAG
 GCCCAGGCCCTGGCCTGGCCTTCGTGCCCTTATTATTGTCAATAAATCCGCTCAGACC
 ATTAATAA

Restriction Sites: Please inquire

ACCN: NM_173828

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_173828.3</u> , <u>NP_776189.2</u>
RefSeq Size:	2535 bp
RefSeq ORF:	912 bp
Locus ID:	285613
UniProt ID:	<u>Q8NC24</u>
Cytogenetics:	5q31.3
Protein Families:	Transmembrane
Gene Summary:	Induces activation of MAPK14/p38 cascade, when overexpressed (PubMed:28688764). Induces apoptosis, when overexpressed (PubMed:19969290).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript.