

Product datasheet for SC322961

RELL2 (NM_001130029) Human Untagged Clone

Product data:

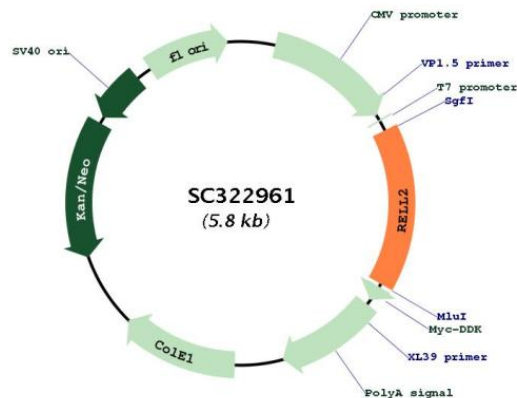
Product Type:	Expression Plasmids
Product Name:	RELL2 (NM_001130029) Human Untagged Clone
Tag:	Tag Free
Symbol:	RELL2
Synonyms:	C5orf16
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC322961 representing NM_001130029. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGTCGGAACCACAGCCTGACCTGGAACCGCCCAACATGGGCTATATATGCTCTTCCTGCTGTGCTG
GTCTTCTCCTCATGGCCTGGTAGGCTTCATGATCTGCCACGTGCTCAAGAAGAAGGGCTACCGCTGC
CGCACGTCGAGGGGCTCTGAGCCTGACGATGCCAGCTTCAGCCCCCTGAGGACGATGACATGAATGAG
GACACAGTAGAGAGGATTGTTTCGCTGCATCCAGAATGAAGCCAATGCTGAGGCCTTGAAGGAGATG
CTGGGGACAGTGAAGGAGAAGGACAGTGCAGCTGTCCAGTGTGGATGCCACCTCCAGCCTGCAGGAC
GGAGCCCCCTCCATCATCACACAGTGCACCTGGGCTCTGCAGCCCCCTTGCTCCATTGCAGCCGCAGC
AAGAGGCCTCCACTTGTCCGTCAGGGACGCTCCAAGGAAGGAAAAGCCGCCCCCGACAGGGGAGACC
ACTGTGTTCTCTGTGGGCAGGTTCCGGGTGACACACATTGAGAAGCGCTATGGACTGCACGAACACCGT
GATGGCTCCCCACAGACAGGAGCTGGGGCTCTGGTGGGGACAGGACCCAGGGGGTGGTCAGGGGTCT
GGGGGAGGGCAGCCCAAGGCAGGGATGCCATGGAGAGGCTGCCCTGAGAGGCCACAGCCCCAG
GTCCTAGCCAGCCCCCAGTACAGAATGGAGGACTCAGGGACAGCAGCCTAACCCCTCGTGCCTTCAA
GGAAACCCAGAGCTTCTGCAGAGCCAACACTGAGGGCCGGAGGGAGGGGCCAAGCCAGGGCTGCC
ACTCAAGAGGCAAATGGGCAGCCAAGCAAACAGACACTTCTGATCACCAGGTGTCTCTACCACAGGGA
GCAGGGAGTATGTA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-Mlul



[View online »](#)

Plasmid Map:


ACCN: NM_001130029

Insert Size: 912 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).

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:

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_001130029.1](#)

RefSeq Size: 2171 bp

RefSeq ORF: 912 bp

Locus ID:	285613
UniProt ID:	Q8NC24
Cytogenetics:	5q31.3
Protein Families:	Transmembrane
MW:	32.4 kDa
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 (2) differs in the 5' UTR, compared to variant 1.