

Product datasheet for **SC311287**

RO60 (NM_001042369) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RO60 (NM_001042369) Human Untagged Clone
Tag:	Tag Free
Symbol:	RO60
Synonyms:	RORNP; SSA2; TROVE2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_001042369 edited
 ATGGAGGAATCTGTAAACCAATGCAGCCACTGAATGAGAAGCAGATAGCCAATTCTCAG
 GATGGATATGTATGGCAAGTCACTGACATGAATCGACTACACCGTTCTTATGTTTCGGT
 TCTGAAGTGGGACTTATTATATCAAAGAACAGAAAGTTGGGCCTTAAAAATGCTGAAGCT
 TTAATTAGATTGATTGAAGATGGCAGAGGATGTGAAGTGATACAAGAAATAAAGTCATTT
 AGTCAAGAAGGCAGAACCACAAAGCAAGAGCCTATGCTCTTTGCACTTGCCATTTGTTCC
 CAGTGTCCGACATAAGCACAAAACAAGCAGCATTAAAGCTGTTTCTGAAGTTTGTCCG
 ATTCTACCCATCTCTTTACTTTTATCCAGTTTAAAGAAAGATCTGAAGGAAAGCATGAAA
 TGTGGCATGTGGGTCGTGCCCTCCGGAAGGCTATAGCGGACTGGTACAATGAGAAAGGT
 GGCATGGCCCTTGCTCTGGCAGTTACAAAATATAAACAGAGAAATGGCTGGTCTCACAAA
 GATCTATTAAGATTGTCACATCTTAAACCTTCCAGTGAAGGACTTGCAATTGTGACCAAA
 TATATTACAAAGGGCTGGAAAGAAGTTCATGAATTGTATAAAGAAAAAGCACTCTCTGTG
 GAGACTGAAAAATTATTAAGTATCTGGAGGCTGTAGAGAAAGTGAAGCGCACAAAGAGAT
 GAGCTAGAAGTCATTCATCTAATAGAAGAACATAGATTAGTTAGAGAACATCTTTAACA
 AATCACTTAAAGTCTAAAGAGGTATGGAAGGCTTTGTTACAAGAAATGCCGCTTACTGCA
 TTTACTAAGGAATCTAGGAAAGATGACTGCTAATTCAGTACTTGAACCAGGAAATTCAGAA
 GTATCTTTAGTATGTGAAAACTGTGTAATGAAAACTATTAATAAAAGGCTCGTATACAT
 CCATTTTCATATTTTATGATCGCATTAGAACTTACAAGACAGGTCATGGTCTCAGAGGGAAA
 CTGAAGTGGCGCCCTGATGAAGAAATTTTGAAGCATTGGATGCTGCTTTTTATAAAACA
 TTTAAGACAGTTGAACCAACTGGAAAACGTTTCTTACTAGCTGTTGATGTCAGTGCCTTCT
 ATGAACCAAAGAGTTTTGGGTAGTATACTCAACGCTAGTACAGTTGCTGCAGCAATGTGC
 ATGGTTGTCACACGAACAGAAAAAGATTCTTATGTAGTTGCTTTTTCCGATGAAATGGTA
 CCATGTCCAGTGACTACAGATATGACCTTACAACAGGTTTTAATGGCTATGAGTCAGATC
 CCAGCAGGTGGAAGTATTGCTCTCTTCCAATGATCTGGGCTCAGAAGACAAACACACCT
 GCTGATGTCTTATTGTATTCACTGATAATGAGACCTTTGCTGGAGGTGCCATCCTGCT
 ATTGCTCTGAGGGAGTATCGAAAGAAAATGGATATTCCAGCTAAATTGATTGTTTGTGGA
 ATGACATCAAATGGTTTCACCATTGCAGACCCAGATGATAGAGCCTTGCAAAATACCCTA
 CTAATAAATCATTTTAG

Restriction Sites: Please inquire

ACCN: NM_001042369

Insert Size: 1600 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:	<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:	NM_001042369.1 , NP_001035828.1
RefSeq Size:	2087 bp
RefSeq ORF:	1578 bp
Locus ID:	6738
UniProt ID:	P10155
Cytogenetics:	1q31.2
Protein Families:	Transcription Factors
Protein Pathways:	Systemic lupus erythematosus
Gene Summary:	<p>RNA-binding protein that binds to misfolded non-coding RNAs, pre-5S rRNA, and several small cytoplasmic RNA molecules known as Y RNAs. May stabilize some of these RNAs and protect them from degradation (PubMed:18056422). Binds to endogenous Alu retroelements which are induced by type I interferon and stimulate porinflammatoxy cytokine secretion. Regulates the expression of Alu retroelements as well as inflammatory genes (PubMed:26382853).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes isoform 1.</p>