

Product datasheet for **SC326371**

RTL1 (NM_001134888) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RTL1 (NM_001134888) Human Untagged Clone
Tag:	Tag Free
Symbol:	RTL1
Synonyms:	HUR1; Mar1; MART1; PEG11; SIRH2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001134888, the custom clone sequence may differ by one or more nucleotides

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ATGATAGAACCCTCTGAAGACTCATTGAGACGATGATGGAGCATAAGAATCCATCATCA
AAACAAATGGAGTCCTCCGAGGGCTCATCAACACCACCGAGGGCAGCTCGGGCAGTGG
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GAGTCATGCAACGGTTCACACCAGGCAAGGGGGATCCACTCAGTGGAGCATCTGATAGG
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CTGAAGGAATCGGAAGGGAGGAGACTCCTCAAGAGCAAAACCAGACCGAGCACTCAACC
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TCTGTGGTCTAGGCATCCGCTGGCTCCGAGTCCACGCCCCGAAGTCGACTGGATCAAA
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 TGCAATTGCCCTAGAGAGGCACGGCATGAGCCTGTACCCGGACTGCCACACCCATACTCA
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 GACAACGACGTGCAGGAGGCCACCCAGCCACACAGCAGCCACCCACCCACCCGCCCCA
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 TTCCTGACCTGATCTACAGCGGGCCCTGCCATCCCGCCTGGGAGAGCCAGCCAGG
 GAGCAGGCAAGGCTAGAAGAGCTGCCTGATGAGGACGAAGATGCTAACCTCGAC

Restriction Sites:

Please inquire

ACCN:

NM_001134888

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_001134888.1</u> , <u>NP_001128360.1</u>
RefSeq Size:	4077 bp
RefSeq ORF:	4077 bp
Locus ID:	388015
UniProt ID:	<u>A6NKG5</u>
Cytogenetics:	14q32.2
Gene Summary:	This gene is a retrotransposon-derived, paternally expressed imprinted gene that is highly expressed at the late fetal stage in both the fetus and placenta. It has an overlapping maternally expressed antisense transcript, which contains several microRNAs targeting the transcripts of this gene through an RNA interference (RNAi) mechanism. This gene is essential for maintenance of the fetal capillaries. [provided by RefSeq, Jul 2009]