

## Product datasheet for **SC206192**

### **RTL1 (NM\_016434) Human 3' UTR Clone**

#### Product data:

<b>Product Type:</b>	3' UTR Clones
<b>Symbol:</b>	RTL1
<b>Synonyms:</b>	C20orf41; DKCA4; DKCB5; NHL; PFBMFT3; RTL
<b>Mammalian Cell Selection:</b>	Neomycin
<b>Vector:</b>	pMirTarget (PSI00062)
<b>ACCN:</b>	NM_016434
<b>Insert Size:</b>	490 bp
<b>Insert Sequence:</b>	<p>&gt;SC206192 3'UTR clone of NM_016434 The sequence shown below is from the reference sequence of NM_016434. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC GGGCCTGCAGCATCTGAGTGGGGCCTCTAGGATGTGCCAGCCTGCCACACCGCTCCAGGAAGCAGAG CGTCATGCAGGTCTTCTGGCCAGAGCCCCAGTGAGTGCCACGGAGGCCCCAGCACACCCAACGTGGC TTGATCACCTGCCTGTCCAGCTCTGGTGGGCCAAGAACCACCCAACAGAATAGGCCAGCCCATGCCAG CCGGCTTGGCCCGCTGCAGGCCTCAGGCAGGCGGGGCCCATGGTTGGTCCCTGCGGTGGGACCGGATCT GGGCCTGCCTCTGAGAAGCCCTGAGCTACCTTGGGGTCTGGGGTGGGTTTCTGGGAAAGTGCTTCCCA GAACTTCCCTGGCTCCTGGCTGTGAGTGGTGCCACAGGGGCACCCAGCTGAGCCCTCACCGGGAAG GAGGAGACCCCGTGGGCACGTGTCCACTTTAATCAGGGGACAGGGCTCTAATAAAGCTGCTGGCA GTGCCCA ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG </pre>
<b>Restriction Sites:</b>	SgfI-MluI
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<u><a href="#">NM_016434.4</a></u>
<b>Summary:</b>	This gene encodes a DNA helicase which functions in the stability, protection and elongation of telomeres and interacts with proteins in the shelterin complex known to protect telomeres during DNA replication. Mutations in this gene have been associated with dyskeratosis congenita and Hoyerall-Hreidarsson syndrome. Read-through transcription of this gene into the neighboring downstream gene, which encodes tumor necrosis factor receptor superfamily, member 6b, generates a non-coding transcript. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2013]
<b>Locus ID:</b>	51750
<b>MW:</b>	16.7