

Product datasheet for **SC101040**

RUNDC1 (NM_173079) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RUNDC1 (NM_173079) Human Untagged Clone
Tag:	Tag Free
Symbol:	RUNDC1
Synonyms:	RUND1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_173079, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGCTGTCGAAGCGCTGCAGAGCCGGTAACGGTGGTGGCGGCTGTTGGGCCAAAGGCGAAAGACG
AAGAGGAGGAGGAAGAGGAGCCGCTGCCACCGTGCAGGGCGGTGCGCTGGGCCCCAGTGGGGCGGTGGC
GGAGGCCCGGCTGGGGCAACCGGTTTTTAAAGAGGCGACGGCCGAGGAGCCTGGCGCGGCCCGGGC
TCCCCCGCGATTTCGCCGGCCGGACGCTGCGGGCGGTGCGGGCAGAGCGCGGGCGGCTGGACTCGGCGC
TGCTGGCGCTGTCTCGCACTTCGCGCAGGTGCAGTTCGCGCTGCGCCAGGTGGTGCAGGGGCGCGGGC
GGAGCAGCAGCGCCTTCTGCGGGAGCTCGAAGACTTCGCTTCCGCGGCTGCCCTCACGTCTAGGTTAC
GAAGGGCCCGGCGACCCCGCAGCGATGAGGGCGATGGGCTGCCAGGGGACCGGCCACGGTTGCGGGGGC
AGGACCAGAGTGAGCAGGAAAAGCAAGAGCGTCTGAAACCCAAAGGAGAGCAGAAAGAACTGATACT
GCAGCTCAAGACCAGCTAGATGACCTGGAACGTTTGCCTATCAAGAGGGCAGTTATGACTCGTGCCA
CAGTCCGTGGTGTGAAAGACAGCGGGTATCATAGATGAGTTAATAAGAAACTGGACATGAATCTGA
ATGAGGACATCAGTTCCTGTCCACTGAAGAGCTTCGTCAGCGTGTAGATGCAGCAGTGGCTCAGATCGT
CAACCCAGCCGAGTCAAGAACAGTTGGTTGAGCAACTGAAACTCAGATCCGAGACCTTGAGATGTTT
ATCAACTTCATCAAGATGAAGTGGGAAGCCCTTGCAGACAGGTGGTGGACACTGTGAGTGCAAGGCCG
GTGGGAAGACAGGAAATGGCTGCAGCAGAACAGGCAGCAGCAGAACGCCCTCCAGGAAACAGCAAAACAA
GGCAGAGGATGTGAAGAAAGTCCGGGAGACGGGGCTGCACCTGATGCGGGCAGCGCTGGCCGTGCTCCAG
ATCTTTGCTGTTAGCCAGTTTGGTTGTGCCACAGGCCAGATCCCTCAACCGTGTGGCAGAGGGTCCAGG
CTGACAGAGACTACTCTCCCTTGGTGAAGAGGCTGGAGGTGTAGTGGACAGAGTGAAGCAGCTAGCCTT
GAGGCAGCAGCCACATGACCATGTCATCACCTTGCCAACTCCAGGACCTCTCTCTGGGAGGCAAGGAT
GAGTCACTATGGCTGTGCGGAAGGAGCTAACGGTGGCTGTGAGGGACCTGCTGGCCCATGGACTGTATG
CCTCTCCCCAGGATGAGCCTTGTATGGCTCCTATTGCTTGTGCTGCCAGCCTTCTCTCGGCCCC
AGAGGCCATGCACCCGTGGGAGCTCTTTGTAAGTACTACCATGCTAAGAACGGCCGTGTTATGTGAA
TCCCCAGCCCGAAGCTCTCCAGTCTTCGCCCTTCTGTTACGGGAGGCACTGTTGTACCCCCAAAC
AGAGCCTACTGACAGCCATCCACATGGTGTGACAGAGCATGACCCTTTAAGCGCAGTGCAGACTCAGA
ATTGAAGCCTTGGTGTGCATGGCACTGAATGAGCAGCGTCTGGTGTCTGGGTGAACCTCATCTGCAAG
TCCGGTCACTCATCGAGCCTACTACCAGCCCTGGAGCTACATGGCACACAGGCTTTGAGAGTGCC
TCAACCTGCTCAGTCGCCTCAGCAGCCTCAAGTTAGCCTCCCTGTAGATCTGGCTGTGCCAGCTCAA
AAACATCAAAGATGCCTTTGA
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_173079 unedited

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CGATCCTTAGGCGGCGGATTTCGACAGGGAAGAGGCGGCTGTCGAAGCGGCTGCAGAGC
CGGTAACGGTGGTGGCGGCTGTTGGGCCAAAGGCGAAAGACGAAGAGGAGGAGGAAGAGG
AGCCGCTGCCACCGTGCAGGGCGGTGCGCTGGGCCCCAGTGGGGCGGTGGCGGAGGCC
GGCCTGGGGCAACCGGTTTTTAAAGATGCGACGGCCGAGGAGCCTGGCGCGGCCCGG
GCTCCCCGCGGATTTCGCCGGCCGGACGCTGCGGGCGGTGCGGGCAGAGCGCGCGGGC
TGGACTCGGCGCTGCTGGCGCTGTCTCGCACTTCGCGCAGGTGCAGTTCGCGCTGCGCC
AGGTGGTGCAGGGGGCGCCGGGATCATCAGCGCCTTCTGCGGGAGCTCGAAGACTTCG
CCTTCCGCGGCTGCCCTCACGTCTATGTTACGAAGGGCCCGGCGACCCCGCAGCGATG
AGGGCGATGGGCTGCCAGGGGACCGGCCACGGTTGCGGNGCGAGGACCAGGGCTTGAGTG
AGCAGGATAAGCAAGAGCGTCTGAAACCCAAAGGAGATGCAGAAAGATCTGATACTGC
AGCTCAAGACCCAGCTAGATGACCTGGAACGTTTGCCTATCAAGAGGGCAGTTATGACT
CGCTGCCACAGTCCGTGGTGTNTGGAAGACAGCGGGTATCATAGATGAGTTATAAAGAA
ACTGGCATGAATCTGATGAGGACATCAGTTCCTGTCACTGATGAGCTCGTCAGGTGTA
TGCAGCAGTGCCTATATCGTACCAGCCGATAAGACAGTTGGGTGACACTGATACTCGA
TCGGACCTGGAGTGTATCACTCTCAGGAGANGTGGATCCCTGGNAAGGTGTGAACCTGNA
TGCAGGGCGGGGGATAAAGAATGCTGAGANACAGCGCACAAACGCTCGAACCAAGCCAGG
TGGGG
    
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Restriction Sites:	NotI-NotI
ACCN:	NM_173079
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).
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_173079.1</u> , <u>NP_775102.1</u>
RefSeq Size:	3848 bp
RefSeq ORF:	1842 bp
Locus ID:	146923
Cytogenetics:	17q21.31
Gene Summary:	<p>This gene encodes a protein that contains a RUN (RPIP8, UNC-14 and NESCA) domain and a coiled coil domain. The encoded protein may negatively regulate p53 transcriptional activity. This gene is a potential candidate gene for predisposition to glioma in humans. [provided by RefSeq, May 2017]</p> <p>Transcript Variant: This variant (1) lacks an alternate in-frame exon in the 5' coding region compared to variant 2. The encoded isoform (1) is shorter than isoform 2. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>