

Product datasheet for **SC117710**

DcR1 (TNFRSF10C) (NM_003841) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DcR1 (TNFRSF10C) (NM_003841) Human Untagged Clone
Tag:	Tag Free
Symbol:	DcR1
Synonyms:	CD263; DCR1; DCR1-TNFR; LIT; TRAIL-R3; TRAILR3; TRID
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_003841 edited
GAATTCGGCACGAGGAACCTCTCCACGCGCACGAACTCAGCCAACGATTTCTGATAGATT
TTTGGGAGTTTGACCAGAGATGCAAGGGGTGAAGGAGCGCTTCTACCGTTAGGGAACCTC
TGGGGACAGAGCGCCCCGGCCGCTGATGGCCGAGGCAGGGTGGCAGCCAGGACCCAGGA
CGGCGTCGGGAACCATACCATGGCCGGATCCCCAAGACCCTAAAGTTCGTCGTCGTCAT
CGTCGCGGTCTGCTGCCAGTCTAGCTTACTCTGCCACCACTGCCCGGCAGGAGGAAGT
TCCCCAGCAGACAGTGGCCCCACAGCAACAGAGGCACAGCTTCAAGGGGGAGGAGTGTCC
AGCAGGATCTCATAGATCAGAACATACTGGAGCCTGTAACCCGTGCACAGAGGGTGTGA
TTACACCAACGCTTCCAACAATGAACCTTCTTGCTTCCCATGTACAGTTTGTAATCAGA
TCAAAAACATAAAAGTTCTGCACCATGACCAGAGACACAGTGTGTCAAGTAAAGAAGG
CACCTTCCGGAATGAAAACCTCCCAGAGATGTGCCGGAAGTGTAGCAGGTGCCCTAGTGG
GGAAGTCCAAGTCAGTAATTGTACGTCCTGGGATGATATCCAGTGTGTTGAAGAATTTGG
TGCCAATGCCACTGTGAAAACCCAGCTGCTGAAGAGACAATGAACACCAGCCCGGGGAC
TCCTGCCCCAGCTGCTGAAGAGACAATGAACACCAGCCAGGGACTCCTGCCCCAGCTGC
TGAAGAGACAATGACCACCAGCCCGGGACTCCTGCCCCAGCTGCTGAAGAGACAATGAC
CACCAGCCCGGGACTCCTGCCCCAGCTGCTGAAGAGACAATGACCACCAGCCCGGGGAC
TCTGCCTCTTCTCATTACCTCTCATGCACCATCGTAGGGATCATAGTTCTAATTGTGCT
TCTGATTGTGTTTGTGAAAGACTTCACTGTGGAAGAAATTCCTTCTTACCTGAAAGG
TTCAGGTAGGCGCTGGCTGAGGGCGGGGGCGCTGGACTCTCTGCCCTGCCTCCCTCT
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GCTCTATCTTCTCCTTGATCGTCCCATCCCCACATCCCGTGCACCCCCAGGACCCT
GGTCTCATCAGTCCCTCCTCGGAGCTGGGGTCCACACATCTCCAGCCAAGTCCAAGA
GGCAGGGCCAGTTCCTCCCATCTTCAGGCCAGCCAGGCAGGGGAGTCCGCTCCTCA
ACTGGGTGACAAGGGTGAGGATGAGAAGTGGTACGCGGATTTATTCAGCCTTGGTCAGAG
CAGAACACAGAGATTTCCGTGTGTTGGTTTTACTCTAGTTCCTTCTCATCCCCCTT
CCTCAGGGTGTCCCATAATTGCAAGGCCCATTCCTGTCCCAGCCCCAGGGCTCCTTGT
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TGACTCTCTGAAGTGGCTTGGGGTCTGGGCTGACTGTGGGGACACATGGCCATCTTGA
GCATCACAGACCGGGGCTCCTGCTGCAGTCTGTCTTCTGTAGTCTTCACTCCAC
AGCCTCACTCCACAGTGAAGTACCCTCACTGGACACCCTCACTCCACAGCCTGCAACCTG
AGGATXXXXXXXXXXXXXXXXXXXXXACTCCAGCCTGGGGGACAGAGCGAGACTCCA
TCTCAAACAACACACACACACAAAACAACCAAAAAAAAAAAAAAAAAAACTCGAC
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_003841 unedited
 CCCC GCCCGTTGNCGCAATGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAGCAGA
 GCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAGCGGCCGCGAAT
 TCGGCACGAGGAACCTCTCCACGCGCACGAACTCAGCCAACGATTTCTGATAGATTTTG
 GGAGTTTGACCAGAGATGCAAGGGGTGAAGGAGCGCTTCTACCGTTAGGGAACTCTGGG
 GACAGAGCGCCCCGGCCCTGATGGCCGAGGCAGGGTGCGACCCAGGACCCAGGACGGC
 GTCGGGAACCATACCATGGCCCGGATCCCCAAGACCCTAAAGTTTCGTTCGTTCATCGTC
 GCGGTCTGTGCCAGTCTAGCTTACTCTGCCACCACTGCCCGCAGGAGGAAGTTCCC
 CAGCAGACAGTGGCCCCACAGCAACAGAGGCACAGCTTCAAGGGGGAGGAGTGTCACGA
 GGATCTCATAGATCAGAACATACTGGAGCCTGNTACCCGTGCACAGAGGGTGTGGATTAC
 ACCAACGTTTCCAACATGAACCTTCTTGCTTCCATGTACAGTTTGTNAATCAGATCAAAA
 CATANNAGTCTGCCATGACCAGAGACACAGTGTGTCAAGTAAAGAAGCACCTTCCGG
 ATGAAACTNCCANAATGTGCCGAGTGTANNCAGTGCCTATGGGGAAGTCCAGTCAGTAA
 TGTACGTCTGGGATGTATCCAGTGTGTGAAGATTTGTGCCATGCCATGGGAAAACCCACG
 CTGAGAGACATGACACCAGCCGGGACTCTGCCACTGCTGAAAACATGAACCCGCCAGGA
 CTCTGGCCACTGCTGAAGACATGACACCANCCGGGACTCTGCCAGTNTGAAAACATGAC
 CCAGCCGGGGATCTGCCACTGTGAAAAAT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_003841 unedited
 GGGCTAGTTTTACTAGNACCGCCCTTCTANGATCGATTTTTTTTTTTTTTTTTTTGGTT
 GTTTTGT
 CAGTGGCGGATCGCGGCTCACTGCAAGCTCCGCTCCCGGTTACAGCCATTCTCTGC
 CTCAGCCTCCCGAGTAGCTGGGATTACAGGCTTTCTTTTTCTCGCCCGGCTAATTTTT
 GGGCGGGGGGAGACACCGGTTTACCCTGTTATCCCGCCAGGATCCCCTCTGTGCC
 CTTTCGATCCCCCATTCCCCCTCTCAAATGCTGGAATTCAGGCCCGGCCACCCCG
 CCCC GCCCTGAAAATCTTTTTCTCTCCCTTTTCCAAGTGGCCACTTCCCTTTTTCCCTC
 CCTCTCCCACTGCCCTCGACCCACCTCCCCGTGACCCGTTGCACCCACATTTCCACA
 TCCTTCAGCTTCCCCTCTCCTTTTTAAATGTAATAATTACCTATCTCCCTCCCACA
 CACCCCGCGTGCCTCGTGCCTTCTTACTCCGGGGGCCATCCTCGACCCCGTCTATAC
 CCGATACCCTCTGGGGGCGCAGCCGATGCCCGCGCAAATACCCCAATAATTAGATAAA
 ACCTCGCCCGCGCCCCCCCCCGGTCGCCCGCGCCGCCATCCCGGACCCGACCC
 CGCCCGCGCCTCGTTCCCTCCACGTGACTAACCCCGGACGACCCATTCCCGACCCA
 ATACAACGCACTCGCCGCGGGCGGAGGTTAGCAGTATTATCGGCCCGCGGGAGAAAC
 CCGTCTCGTAGGTGTCCAAGCCGCCGCTTCT

Restriction Sites:

NotI-NotI

ACCN:

NM_003841

Insert Size:

2800 bp

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
Components:	<p>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).</p>
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_003841.2 , NP_003832.2
RefSeq Size:	1404 bp
RefSeq ORF:	780 bp
Locus ID:	8794
UniProt ID:	O14798
Cytogenetics:	8p21.3
Domains:	TNFR
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Apoptosis, Cytokine-cytokine receptor interaction, Natural killer cell mediated cytotoxicity
Gene Summary:	<p>The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contains an extracellular TRAIL-binding domain and a transmembrane domain, but no cytoplasmic death domain. This receptor is not capable of inducing apoptosis, and is thought to function as an antagonistic receptor that protects cells from TRAIL-induced apoptosis. This gene was found to be a p53-regulated DNA damage-inducible gene. The expression of this gene was detected in many normal tissues but not in most cancer cell lines, which may explain the specific sensitivity of cancer cells to the apoptosis-inducing activity of TRAIL. [provided by RefSeq, Jul 2008]</p>