

Product datasheet for **SC117708**

DcR2 (TNFRSF10D) (NM_003840) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DcR2 (TNFRSF10D) (NM_003840) Human Untagged Clone
Tag:	Tag Free
Symbol:	DcR2
Synonyms:	CD264; DCR2; TRAIL-R4; TRAILR4; TRUNDD
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC117708 sequence for NM_003840 edited (data generated by NextGen Sequencing)

```

ATGGGACTTTGGGGACAAAGCGTCCCGACCGCCTCGAGCGCTCGAGCAGGGCGCTATCCA
GGAGCCAGGACAGCGTCGGGAACCAGACCATGGCTCCTGGACTCCAAGATCCTTAAGTTC
GTCGTCTTCATCGTCGCGGTTCTGCTGCCGGTCCGGGTTGACTCTGCCACCATCCCCGG
CAGGACGAAGTTCAGCAGACAGTGGCCCCACAGCAACAGAGGCGCAGCCTCAAGGAG
GAGGAGTGTCCAGCAGGATCTCATAGATCAGAATACTGGAGCCTGTAACCCGTGCACA
GAGGGTGTGGATTACACCATTGCTTCCAACAATTTGCCTTCTTGCTGCTATGTACAGTT
TGTAATCAGGTCAAACAATAAAAGTTCCTGTACCACGACCAGAGACACCGTGTGTGAG
TGTGAAAAAGGAAGCTTCCAGGATAAAAACTCCCCTGAGATGTGCCGGACGTGTAGAACA
GGGTGTCCAGAGGGATGGTCAAGGTCAAGTCAAGTATTGTACGCCCCGAGTGACATCAAGTGC
AAAAATGAATCAGCTGCCAGTTCCTGAGTGGGAAAAACCCAGCAGCGGAGGAGACAGTGACC
ACCATCCTGGGGATGCTTGCCTCTCCCTATCACTACCTTATCATCATAGTGGTTTTAGTC
ATCATTTTAGCTGTGGTTGTGGTTGGCTTTTCATGTCCGGAAGAAATTCATTTCTTACCTC
AAAGGCATCTGCTCAGGTGGTGGAGGAGTCCCGAACGTGTGCACAGAGTCCTTTTCCGG
CGGCGTTCATGTCCTTACGAGTTCCTGGGGCGGAGGACAATGCCCGCAACGAGACCCTG
AGTAACAGATACTGCAGCCACCCAGGTCTCTGAGCAGGAAATCCAAGTCCAGGAGCTG
GCAGAGCTAACAGGTGTGACTGTAGAGTCGCCAGAGGAGCCACAGCGTCTGCTGGAACAG
GCAGAAGCTGAAGGGTGTGAGAGGAGGAGGCTGCTGGTTCCAGTGAATGACCGTACTCC
GCTGACATCAGCACCTTGTGGATGCCTCGGCAACACTGGAAGAAGGACATGCAAAGGAA
ACAATTCAGGACCAACTGGTGGGCTCCGAAAAGCTCTTTTATGAAGAAGATGAGGCAGGC
TCTGCTACGTCCTGCCTGTGA

```

Clone variation with respect to NM_003840.3
103 c=>t;929 t=>c



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_003840 unedited
 TATACCCCGCCCGTTGNCGCAAAGGGCGGTAGGCGGTACGGTGGGAGGTCTATATAAGC
 AGAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAGCGGCCGCG
 AATTCGGCAGCAGGGGAGAACCTTTGCACGCGCACAAACTACGGGGACGATTTCTGATTGA
 TTTTTGGCGCTTCGATCCACCTCCTCCCTTCTCATGGGACTTTGGGGACAAAGCGTCC
 CGACCCCTCGAGCGCTCGAGCAGGGCGCTATCCAGGAGCCAGGACAGCGTCGGGAACCA
 GACCATGGCTCCTGGACTCCAAGATCCTTAAGTTCGTCTTTCATCGTCGCGGTTCTGC
 TGCCGGTCCGGGTTGACTCTGCCACCATCCCCGGCAGGACGAAGTTCCCCAGCAGACAG
 TGGCCCCACAGCAACAGAGGCGCAGCCTCAAGGAGGAGGAGTGTCCAGCAGGATCTCATA
 GATCAGAAATACTGGAGCCTGTAACCCGTGCACAGAGGGTGTGGATTACACCATTGCTT
 CCAACAATTTGCCTTCTTGCCTGCTATGTACAGTTTGTAAATCAGGTCAAACAAATAAAA
 GTTCTGTACCACGACCAGACACCGTGTGTCAAGTGTGAAAAAGGAAGCTTCCAGGATA
 AAAACTCCCCTGAGATGTCCGGACGTGTAGAACAGGGTGTCCCANGAGGATGGTCAAGG
 TCAGTAATTGTACGCCCCGAGTGACATCAAGTCAAAAATGAATCAGCTGCCAGTTCCA
 CTGGGAAAACCCAGCAGCGGGAGAGACAGTGACCACCATCCCTGGGGATGCTTTGCCTC
 TCCTATCACTACCTTATCATCATAGTGGGTTTTAGTCATCATTTTAGCTGTGGNTGTGG
 GTGGCTTTTCATGTCCGNAAGAAATTCATTTCTTACTCAA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_003840 unedited
 GGTATTACTATGTACGCGCCGCTTTCTANATCGAGTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTTTTTTTTAAATATGAGGGTTCATATTTATTTTGGTCATAAACATATGAG
 TATTTTCATATATAACCAGGTGTTATGTGCTATTTGGCCCGGTATAAAGCAAAACCTAAA
 CAAATCAACCAACGCCAAAAACCCCAACAATTTCATTTTTTTTTGAAGCTTATGTTAAA
 GGAATAAGCTTAAACACTGATAAGGCTGGTAGTCTAAATGCATCTCAAGGAAGGCTCT
 GAGGAAGGGACAAAGGAGCTGGGACCGGACTGGCTCTTCCGAGCTTTGAAACCAAGTCT
 CCTGCACAGAAGGCCAGCAAAGGCAAAGACTAGGAGGCAGCAGCCCCCTGTGTCATCCA
 AAAGTGCAGGGGACAAGGTGTGGGACCCCAATGGAAATGGGAAAAGATGGAAATGCGAA
 AACCCGAAAGGCCATCCCCTCCTAAAACCTCCCTGGGCACAACAATTTGAATGTGCGAACT
 TCAGGCAGTTTTTACTTTGGCCCAACCAAAACCAGTCCCGGAACAAAACACACCATGCCTT
 GAGATGGAAAAAATGAAACCCCTAAGAGGACTATTTCCCGCAATTTATCCTACCACCAA
 TGGGGTACTTGGGGGAAAAAATTTTGTGGGAAAAAACTAAACATTACTGGAGGTTTTT
 AAATAAAAAAAGGGAACGTGGCCCAAGGCTCAAATGGGTACGCCCTTTTTAAAACCCCT
 TGGCCACGGGTTAAAAAATTAATTTTTTTTAGAAAAAGCAAAAACCTTTCCCAAGGGGG
 CCAGGTTCTCAAAAAGGGGATATTTGCCCTTAAAAAACACTCCAGGAATCTTTGCCTC
 AAAAGGAATCCAG

Restriction Sites:

NotI-NotI

ACCN:

NM_003840

Insert Size:

4000 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).

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_003840.3, NP_003831.2</u>
RefSeq Size:	3561 bp
RefSeq ORF:	1161 bp
Locus ID:	8793
UniProt ID:	<u>Q9UBN6</u>
Cytogenetics:	8p21.3
Domains:	TNFR
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Apoptosis, Cytokine-cytokine receptor interaction, Natural killer cell mediated cytotoxicity
Gene Summary:	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contains an extracellular TRAIL-binding domain, a transmembrane domain, and a truncated cytoplasmic death domain. This receptor does not induce apoptosis, and has been shown to play an inhibitory role in TRAIL-induced cell apoptosis. [provided by RefSeq, Jul 2008]