

Product datasheet for **SC117738**

DcR3 (TNFRSF6B) (NM_003823) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DcR3 (TNFRSF6B) (NM_003823) Human Untagged Clone
Tag:	Tag Free
Symbol:	DcR3
Synonyms:	DCR3; DJ583P15.1.1; M68; M68E; TR6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC117738 sequence for NM_003823 edited (data generated by NextGen Sequencing)

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ATGAGGGCGCTGGAGGGCCAGGCTGTCGCTGCTGTGCCTGGTGTGGCGCTGCCTGCC
CTGCTGCCGGTGGCGGCTGTACGCGGAGTGGCAGAAACACCCACCTACCCCTGGCGGGAC
GCAGAGACAGGGGAGCGGCTGGTGTGTGCCAGTGCCCCCAGGCACCTTTGTGCAGCGG
CCGTGCCGCCGAGACAGCCCCACGACGTGTGGCCGTGTCCACCGGCCACTACACGCAG
TTCTGGAACCTGGAGCGCTGCCGCTACTGCAACGTCTCTGCGGGGAGCGTGAGGAG
GAGGCACGGGCTTGCCACGCCACCCACAACCGCGCTGCCGCTGCCGCACCGGCTTCTTC
GCGCACGCTGGTTTCTGCTTGGAGCACGCATCGTGTCCACCTGGTGCCGGCGTGATTGCC
CCGGGCACCCCCAGCCAGAACACGCAGTGCCAGCCGTGCCCCCCAGGCACCTTCTCAGCC
AGCAGTTCAGCTCAGAGCAGTGCCAGCCCCACCGCAACTGCACGGCCCTGGGCCTGGCC
CTCAATGTGCCAGGCTCTTCTCCCATGACACGCTGTGCACCAGCTGCACTGGCTTCCCC
CTCAGCACCGGGTACCAGGAGCTGAGGAGTGTGAGCGTGCCGTCATCGACTTTGTGGCT
TTCCAGGACATCTCCATCAAGAGGCTGCAGCGGCTGCTGCAGGCCCTCGAGGCCCGGAG
GGCTGGGGTCCGACACCAAGGGCGGGCCGCGCGGCCTTGACAGTGAAGCTGCGTCGGCGG
CTCACGGAGCTCCTGGGGGCGCAGGACGGGGCGCTGCTGGTGCGGCTGCTGCAGGCGCTG
CGCGTGCCAGGATGCCCGGGCTGGAGCGGAGCGTCCGTGAGCGCTTCTCCCTGTGCAC
TGA

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Clone variation with respect to NM_003823.3
147 c=>t;255 a=>g;333 t=>c;486 c=>t;573 c=>g



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_003823 unedited GGGNANNANGGGGGGNNNNNTTCCCCNNNCGGTTTCAGAATTGNATACGACTCATAT AGGCGGCCCGNAATTCGCACCAGCCGAGCGGACCGGGGCAAAGGAGGTGGCATGTC GGTCAGGCACAGCAGGGTCTGTGTCCGCGCTGAGCCGCGCTCTCCCTGCTCCAGCAAGG ACCATGAGGGCGCTGGAGGGCCAGGCTGTGCTGCTGTGCCTGGTGTGGCGCTGCCT GCCCTGCTGCCGGTGCCGGTGTACGCGGAGTGGCAGAAACACCCACCTACCCCTGGCGG GACGCAGAGACAGGGGAGCGGCTGGTGTGTGCCAGTGCCCCAGGCACCTTTGTGCAG CGGCCGTGCCCGGAGACAGCCACGACGTGTGGCCCGTGTCCACCGCGCCACTACACG CAGTTCTGGAACCTACTGGAGCGCTGCCGCTACTGCAACGTCCTCTGCGGGGAGCGTGAG GAGGAGGCACGGGCTTGCCACGCCACCCACAACCGCGCTGCCGCTGCCGACCGGCTTC TTCGCGCACGCTGGTTTCTGCTTGGAGCACGCATCGTGTCCACCTGGTCCGGCGTGATT GCCCGGGCACCCAGCAGAACACGCAGTGCCAGCCGTGCCCCAGGCACCTTCTCA GCCAGCAGTTCAGCTCAGAGCAGTGCCAGCCACCGCAACTGCACGGCCCTGGGCCCT GGCCCTCATGTGCCAGCTCTTCTTCCATGACACGCTGTGCACCAGCTGCACTGGGCT TCCCCCTCAGCACCAGGGTACCAGNGAGCTGAGGAGTTGGAGCGTGCCCGTCATCGAACT TTGTGGCTTCCAGGACATCTCCATCAAAGGGTGCACGNCTGCTGCAGGCCCTCNAGC CCCGNAGGGCTTGGGTCCGACACCAAGGC
Restriction Sites:	EcoRI-NOT
ACCN:	NM_003823
Insert Size:	1200 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_003823.2</u> , <u>NP_003814.1</u>
RefSeq Size:	1124 bp
RefSeq ORF:	903 bp
Locus ID:	8771
UniProt ID:	<u>O95407</u>
Cytogenetics:	20q13.33
Domains:	TNFR
Protein Families:	Secreted Protein

Protein Pathways: Cytokine-cytokine receptor interaction

Gene Summary: This gene belongs to the tumor necrosis factor receptor superfamily. The encoded protein is postulated to play a regulatory role in suppressing FasL- and LIGHT-mediated cell death. It acts as a decoy receptor that competes with death receptors for ligand binding. Over-expression of this gene has been noted in gastrointestinal tract tumors. Read-through transcription into this gene from the neighboring upstream gene, which encodes regulator of telomere elongation helicase 1 (RTEL1), generates a non-coding transcript. [provided by RefSeq, Feb 2011]

Transcript Variant: This variant (M68E) lacks the 5' noncoding exons present in variant M68C, hence contains a shorter 5' UTR. Both variants encode the same protein.