

## Product datasheet for **SC310554**

### **DcR3 (TNFRSF6B) (NM\_032945) Human Untagged Clone**

#### **Product data:**

<b>Product Type:</b>	Expression Plasmids
<b>Product Name:</b>	DcR3 (TNFRSF6B) (NM_032945) Human Untagged Clone
<b>Tag:</b>	Tag Free
<b>Symbol:</b>	DcR3
<b>Synonyms:</b>	DCR3; decoy receptor 3; DJ583P15.1.1; M68; OTTHUMP00000031583; TR6; tumor necrosis factor receptor superfamily, member 6b; tumor necrosis factor receptor superfamily, member 6b, decoy
<b>Mammalian Cell Selection:</b>	Neomycin
<b>Vector:</b>	pCMV6-Entry (PS100001)
<b>E. coli Selection:</b>	Kanamycin (25 ug/mL)
<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_032945
<b>Insert Size:</b>	903 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).



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**Reconstitution Method:**

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\\_032945.2](#)

**RefSeq Size:** 1458 bp

**RefSeq ORF:** 903 bp

**Locus ID:** 8771

**Cytogenetics:** 20q13.33

**Domains:** TNFR

**Protein Families:** Secreted Protein

**Protein Pathways:** Cytokine-cytokine receptor interaction

**MW:** 32.7 kDa

**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 (M68C) contains a longer 5' UTR compared to M68E. Both variants encode the same protein.