

## Product datasheet for MC211913

### Tnfrsf23 (NM\_024290) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tnfrsf23 (NM_024290) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tnfrsf23
Synonyms:	mDcTr; mDcTRAILR1; mS; mSOB; SOB; Tnfr; Tnfrh1; Tnfrsf1a1; TNFRSFH23
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211913 representing NM_024290 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGTTACCTTCAGCCACGTCTCCAGTCTGAGTCACTGGTTCCTCTTGCTGCTGCTGCTGAATCTGTTCT  
 TGCCGGTAATATTTGCTATGCCTGAATCATACTCCTTCAACTGTCCGATGGTGAATACCAGTCTAATGA  
 TGTCTGTTGCAAGACCTGTCCCTCAGGTACATTTGTCAAGGCGCCCTGCAAAATCCCCATACTCAAGGA  
 CAATGTGAGAAGTGTACCCAGGAACATTCACAGGAAAGATAATGGCCTGCATGATTGTGAACCTTGCT  
 CCACCTGTGATAAAGACCAGAATATGGTGGCTGACTGTTCTGCCACCAGTGACCGAAATGCGAGTGCCA  
 AATAGGTCTTTACTACTATGACCCAAAATTTCCGGAATCATGCCGCCATGTACCAAGTGTCCCAAGGA  
 ATCCCTGTCTCCAGGAATGCACTCCACAGCTAACACTGTGTGCAAGTTCATCTGTTTCAAATCCAGAA  
 ACTGGCTGTTCTACTGATGCTAATTGTCTTCTGTAT**CGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_024290
Insert Size:	531 bp


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**OTI Disclaimer:** 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](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

**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:**

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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_024290.4](#), [NP\\_077252.2](#)

**RefSeq Size:** 3305 bp

**RefSeq ORF:** 531 bp

**Locus ID:** 79201

**UniProt ID:** [Q9ER63](#)

**Cytogenetics:** 7 88.28 cM

**Gene Summary:** This gene encodes a member of the tumor necrosis factor superfamily of proteins. The encoded receptor has been shown to bind to the ligand TRAIL (tumor necrosis factor-related apoptosis-inducing ligand), but to have no signaling capacity. This gene shows elevated expression in mice with diet-induced fatty liver disease. This gene and other family members are present in a gene cluster on chromosome 7. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015]  
 Transcript Variant: This variant (1) encodes the longer isoform (1). 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.