

## Product datasheet for MR202987

### Tnfsf13 (NM\_001159505) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tnfsf13 (NM_001159505) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tnfsf13
Synonyms:	2310026N09Rik; April; Tall2; Tnlg7b; Trdl1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202987 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCAGCCTCATCTCCAGGCCACATGGGGGGCTCAGTCAGAGAGCCAGCCCTTTCGGTTGCTCTTTGGT  
TGAGTTGGGGGGCAGTTCTGGGGGCTGTGACTTGTGCTGTGCGACTACTGATCCAACAGACAGAGCTGCA  
AAGCCTAAGCGGGAGGTGAGCCGGCTGCAGCGGAGTGGAGGGCCTTCCAGAAGCAGGGAGAGCGCCCA  
TGGCAGAGCCTCTGGGAGCAGAGTCCTGATGTCCTGGAAGCCTGGAAGGATGGGGCGAAATCTCGGAGAA  
GGAGAGCAGTACTCACCCAGAAGCACAAGAAGAAGCACTCAGTCCTGCATCTTGTCCAGTTAACATTAC  
CTCCAAGGCAGACTCTGACGTGACAGAGGTGATGTGGCAACCACTACTTAGGCGTGGGAGAGGCCTGGAG  
GCCAGGGAGACATTGTACGAGTCTGGGACACTGGAATTTATCTGCTCTATAGTCAGGTCCTGTTTCATG  
ATGTGACTTTTACAATGGGTGAGGTGGTATCTCGGAAGGACAAGGGAGAAGAGAACTCTATTCGATG  
TATCAGAAGTATGCCTTCTGATCCTGACCGTGCCTACAATAGCTGCTACAGTGCAGGTGTCTTTCATTTA  
CATCAAGGGGATATTCACTGTCAAAAATCCACGGGCAAACGAAAACCTAGCCTTCTCCGCATGGAA  
CATTCTGGGGTTTGTGAAACTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR202987 protein sequence  
Red=Cloning site Green=Tags(s)

MPASSPGHMGGSVREPALSVALWLSWGAVLGAVTCAVALLIQQTEQLSLRREVSRLQRSGGPSQKQGERP  
 WQSLWEQSPDVLEAWKDGAKSRRRRRAVL TQKHKKKHSVLHLVPVNITSKADSDVTEVMWQPVLRRGRGLE  
 AQGDIVRVWDTGIYLLYSQVLFHDVFTFTMGQVVSREGQRRRETLFRCIRSMPSDPDRAYNSCYSAGV FHL  
 HQGDIITVKIPRANAKLSLSPHGTF LGFVKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



**ACCN:** NM\_001159505

**ORF Size:** 726 bp

**OTI Disclaimer:** 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](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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.

**RefSeq:** [NM\\_001159505.1](#), [NP\\_001152977.1](#)

**RefSeq Size:** 1676 bp

**RefSeq ORF:** 723 bp

**Locus ID:** 69583

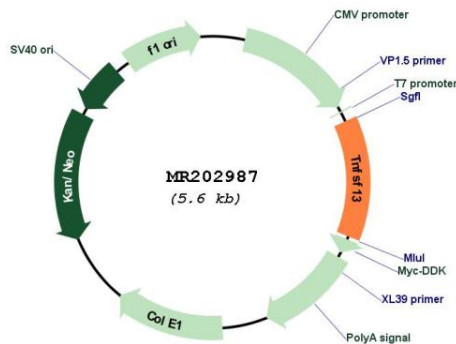
**UniProt ID:** [Q9D777](#)

**Cytogenetics:** 11 B3

**MW:** 26.9 kDa

**Gene Summary:** Cytokine that binds to TNFRSF13B/TACI and to TNFRSF17/BCMA. Plays a role in the regulation of tumor cell growth. May be involved in monocyte/macrophage-mediated immunological processes.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR202987