

## Product datasheet for **MG202987**

### Tnfsf13 (BC069900) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tnfsf13 (BC069900) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Tnfsf13  
**Synonyms:** APRIL, TALL2, TRDL1, Tnfsf12  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG202987 representing BC069900  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCAGCCTCATCTCCAGGCCACATGGGGGGCTCAGTCAGAGAGCCAGCCCTTTCGGTTGCTCTTTGGT  
TGAGTTGGGGGGCAGTTCTGGGGGCTGTGACTTGTGCTGTGCGCACTACTGATCCAACAGACAGAGCTGCA  
AAGCCTAAGCGGGAGGTGAGCCGGCTGCAGCGGAGTGGAGGGCCTTCCAGAAGCAGGGAGAGCGCCCA  
TGGCAGAGCCTCTGGGAGCAGAGTCCTGATGTCCTGGAAGCCTGGAAGGATGGGGCGAAATCTCGGAGAA  
GGAGAGCAGTACTCACCCAGAAGCACAAGAAGAAGCACTCAGTCCTGCATCTTGTCCAGTTAACATTAC  
CTCCAAGGCAGACTCTGACGTGACAGAGGTGATGTGGCAACCACTACTTAGGCGTGGGAGAGGCCTGGAG  
GCCAGGGAGACATTGTACGAGTCTGGGACACTGGAATTTATCTGCTCTATAGTCAGGTCCTGTTTCATG  
ATGTGACTTTTACAATGGGTGAGGTGGTATCTCGGAAGGACAAGGGAGAAGAGAACTCTATCCGATG  
TATCAGAAGTATGCCTTCTGATCCTGACCGTGCCTACAATAGCTGCTACAGTGCAGGTGTCTTTCATTTA  
CATCAAGGGGATATTCACTGTCAAAAATCCACGGGCAAACGAAAACCTTAGCCTTCTCCGCATGGAA  
CATTCTGGGGTTTGTGAAACTA

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA



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**Protein Sequence:** >MG202987 representing BC069900  
Red=Cloning site Green=Tags(s)

MPASSPGHMGGSVREPALSVALWLSWGAVLGAVTCAVALLIQQTEQLSLRREVSRLQRSGGPSQKQGERP  
 WQSLWEQSPDVLEAWKDGAKSRRRRRAVL TQKHKKKHSVLHLVPVNITSKADSDVTEVMWQPVLRRGRGLE  
 AQGDIVRVWDTGIYLLYSQVLFHDVFTFTMGQVVSREGQRRRETLFRCIRSMPSDPDRAYNSCYSAGV FHL  
 HQGDIITVKIPRANAKLSLSPHGTFLLGFVKL

TRTRPLE - GFP Tag - V

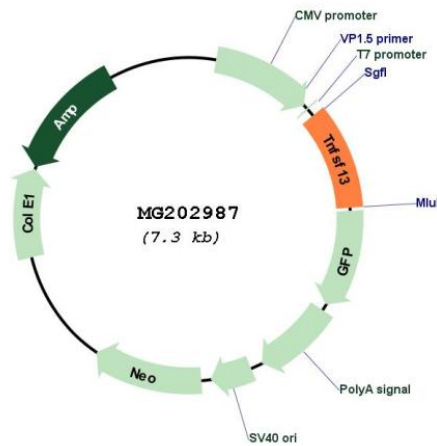
**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



**Plasmid Map:**



**ACCN:** BC069900

**ORF Size:** 723 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC069900</a> , <a href="#">AAH69900</a>
<b>RefSeq Size:</b>	1185 bp
<b>RefSeq ORF:</b>	725 bp
<b>Locus ID:</b>	69583
<b>Cytogenetics:</b>	11 B3
<b>Gene Summary:</b>	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]