

Product datasheet for MC209541

Tnfrsf18 (NM_021985) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tnfrsf18 (NM_021985) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tnfrsf18
Synonyms: AITR; Gitr
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209541 representing NM_021985
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGGGCATGGCCATGCTGTATGGAGTCTCGATGCTCTGTGTGCTGGACCTAGGTCAGCCGAGTGTAG
TTGAGGAGCCTGGCTGTGGCCCTGGCAAGGTTTCAAGACGGAAGTGGCAACAACACTCGCTGCTGCAGCCT
GTATGCTCCAGGCAAGGAGGACTGTCCAAAAGAAAGGTGCATATGTGTCACACCTGAGTACCACTGTGGA
GACCCTCAGTGAAGATCTGCAAGCACTACCCCTGCCAACCAGGCCAGAGGGTGGAGTCTCAAGGGGATA
TTGTGTTTGGCTTCCGGTGTGTTGCCTGTGCCATGGGCACCTTCTCCGCAGGTGCTGACGGTCACTGCAG
ACTTTGGACCAAAGACCCAGCCATTCGCGGAGGTGCAGTTGTCAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_021985

Insert Size: 399 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).



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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_021985.2](#), [NP_068820.1](#)

RefSeq Size: 817 bp

RefSeq ORF: 399 bp

Locus ID: 21936

UniProt ID: [O35714](#)

Cytogenetics: 4 E2

Gene Summary: Receptor for TNFSF18. Seems to be involved in interactions between activated T-lymphocytes and endothelial cells and in the regulation of T-cell receptor-mediated cell death. Mediated NF-kappa-B activation via the TRAF2/NIK pathway (By similarity).[UniProtKB/Swiss-Prot Function]