

Product datasheet for **MG226360**

Tnfrsf18 (NM_021985) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tnfrsf18 (NM_021985) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Tnfrsf18
Synonyms: AITR; Gitr
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG226360 representing NM_021985
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGGCATGGCCATGCTGTATGGAGTCTCGATGCTCTGTGTGCTGGACCTAGGTGACCCGAGTGTAG
 TTGAGGAGCCTGGCTGTGGCCCTGGCAAGGTTTCAAGCGAAGTGGCAACAACACTCGCTGCTGCAGCCT
 GTATGCTCCAGGCAAGGAGGACTGTCCAAAAGAAAGGTGCATATGTGTACACCTGAGTACCACTGTGGA
 GACCTCAGTGAAGATCTGCAAGCACTACCCCTGCCAACCAGGCCAGAGGGTGGAGTCTCAAGGGGATA
 TTGTGTTTGGCTTCCGGTGTGCTGTGCCATGGGCACCTTCTCCGCAGGTCGTGACGGTCACTGCAG
 ACTTTGGACCAAAGACCCAGCCATTCGCGGAGGTGCAGTTGTCAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG226360 representing NM_021985
 Red=Cloning site Green=Tags(s)

MGAWAMLYGVSMCLVLDLGQPSVVEEPGCGPGKVQNGSGNTRCCSLYAPGKEDCPKERICVTPEYHCG
 DPQCKICKHYPCQPGQRVESQGDIVFGFRVCACAMGTF SAGRDRGHCRLLWTKDPAIRGGAVVS

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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:	<ol style="list-style-type: none">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:	<u>NM_021985.3</u>
RefSeq Size:	817 bp
RefSeq ORF:	399 bp
Locus ID:	21936
UniProt ID:	<u>O35714</u>
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]