

# **Product datasheet for MR226360**

### Tnfrsf18 (NM\_021985) Mouse Tagged ORF Clone

### **Product data:**

**Product Type:** Expression Plasmids

**Product Name:** Tnfrsf18 (NM\_021985) Mouse Tagged ORF Clone

Tag: Myc-DDK
Symbol: Tnfrsf18
Synonyms: AITR; Gitr
Mammalian Cell Neomycin

Selection:

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

ORF Nucleotide >MR226360 representing NM\_021985

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGGGGGCATGGGCCATGCTGTATGGAGTCTCGATGCTCTGTGCTGGACCTAGGTCAGCCGAGTGTAG
TTGAGGAGCCTGGCTGTGGCCCTGGCAAGGTTCAGAACGGAAGTGGCAACAACACTCGCTGCTGCAGCCT
GTATGCTCCAGGCAAGGAGGACTGTCCAAAAGAAAGGTGCATATGTGTCACACCTGAGTACCACTGTGGA
GACCCTCAGTGCAAGATCTGCAAGCACTACCCCTGCCAACCAGGCCAGAGGGTGGAGTCTCAAGGGGATA
TTGTGTTTGGCTTCCGGTGTGTTGCCTGTGCCATGGCACCTTCTCCGCAGGTCGTGACGGTCACTGCAG
ACTTTGGACCAAAGACCCAGCCATTCGCGGAGGTGCAGTTGTCAGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR226360 representing NM\_021985

Red=Cloning site Green=Tags(s)

MGAWAMLYGVSMLCVLDLGQPSVVEEPGCGPGKVQNGSGNNTRCCSLYAPGKEDCPKERCICVTPEYHCG

DPQCKICKHYPCQPGQRVESQGDIVFGFRCVACAMGTFSAGRDGHCRLWTKDPAIRGGAVVS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: <a href="https://cdn.origene.com/chromatograms/mm9008">https://cdn.origene.com/chromatograms/mm9008</a> b12.zip

**Restriction Sites:** Sgfl-Mlul



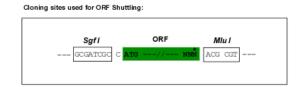
**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

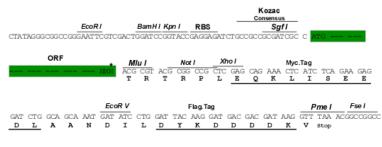
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



#### **Cloning Scheme:**





<sup>\*</sup> The last codon before the Stop codon of the ORF

**ACCN:** NM\_021985

ORF Size: 396 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 021985.3

 RefSeq Size:
 817 bp

 RefSeq ORF:
 399 bp

 Locus ID:
 21936

 UniProt ID:
 035714



Cytogenetics: 4 E2

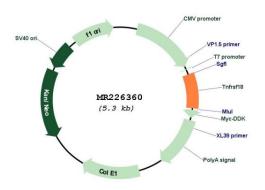
**MW:** 14.6 kDa

**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]

# **Product images:**



Circular map for MR226360