

Product datasheet for MR201698

Tnfaip8l2 (NM_027206) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tnfaip8l2 (NM_027206) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tnfaip8l2
Synonyms: 1810019A08Rik; AW610835; TIPE2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201698 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGAGTCCTTCAGCTCAAAGAGTCTGGCACTACAAGCGGAGAAGAAGCTGCTGAGTAAATGGCTGGTC
 GGTCCGTGGCGCATCTTTATCGACGAGACCAGCAGCGAGGTGCTAGACGAGCTTTACCGCGTGTCCAA
 AGAATACACGCACAGCCGCCCAAGGCACAGCGGGTGATCAAAGACCTCATCAAGGTAGCGGTTAAAGTG
 GCTGTGCTGCACCGCAGTGGCTGCTTTGGCCCTGGGAGCTGGCTCTGGCTACACGATTCGTCAGAAGC
 TACGGCAGGGCGCCATGACCGCACTTAGCTTCGGTGAGGTGGACTCACCTTTGAGGCTGCCGTGCTAGC
 AGGTCTGCTCGTCGAGTCCCGGACATTCTGCTGGAGCTGGTGGAGCACCACCTCACACCAAGTCACAT
 GACCGCATCAGGCACGTGTTGATCACTACTCTGACCCCGACCTGCTGGCTGCCCTCTATGGGCCTGACT
 TCACTCAGCACCTTGGAAGATCTGTGATGGGCTCCGGAAGCTGCTGGACGAGGGCAAGCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201698 protein sequence
 Red=Cloning site Green=Tags(s)
 MESFSSKSLALQAEKLLSKMAGRSVAHLFIDETSSEVLDELRYVSKEYTHSRPKAQRVIKDLIKVAVKV
 AVLHRSGCFPGELALATRFQKLRQGAMTALSFGEVDFTFEAAVLAGLLVECRDILLELVEHLLTPKSH
 DRIRHVFDHYSDPDLLAALYGPDFQHLGKICDGLRKLLEDEGKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



Cloning Scheme:


ACCN: NM_027206

ORF Size: 555 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_027206.3](#)

RefSeq Size: 1122 bp

RefSeq ORF: 555 bp

Locus ID: 69769

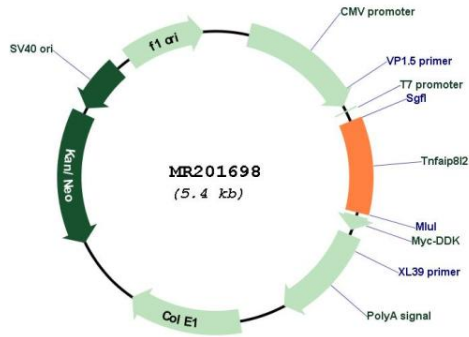
UniProt ID: [Q9D8Y7](#)

Cytogenetics: 3 F2.1

MW: 20.6 kDa

Gene Summary: Acts as a negative regulator of innate and adaptive immunity by maintaining immune homeostasis. Negative regulator of Toll-like receptor and T-cell receptor function. Prevents hyperresponsiveness of the immune system and maintains immune homeostasis. Inhibits JUN/AP1 and NF-kappa-B activation. Promotes Fas-induced apoptosis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR201698