

Product datasheet for **RG209504**

Tumor necrosis factor alpha induced protein 8 like protein 2 (TNFAIP8L2) (NM_024575) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tumor necrosis factor alpha induced protein 8 like protein 2 (TNFAIP8L2) (NM_024575)
Human Tagged ORF Clone
Tag: TurboGFP
Symbol: Tumor necrosis factor alpha induced protein 8 like protein 2
Synonyms: TIPE2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG209504 representing NM_024575
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGTCCTTCAGCTCAAAGAGCCTGGCACTGCAAGCAGAGAAGAAGCTACTGAGTAAGATGGCGGGTC
GCTCTGTGGTCACTCTTCATAGATGAGACAAGCAGTGAGGTGCTAGATGAGCTCTACCGTGTGCCAA
GGAGTACACGCACAGCCGGCCCCAGGCCAGCGGTGATCAAGGACCTGATCAAAGTGGCCATCAAGGTG
GCTGTGCTGCACCGCAATGGCTCCTTTGGCCCCAGTGAGCTGGCCTGGCTACCCGCTTTCGCCAGAAGC
TGGCAGGGTGCCATGACGGCACTTAGCTTTGGTGGGTAGACTTACCTTCGAGGCTGCTGTTCTGGC
TGGCCTGCTGACCGAGTGCCGGGATGTGCTGCTAGAGTTGGTGGAAACACCACCTCACGCCAAAGTCACAT
GGCCGCATCCGCCACGTGTTGATCACTTCTCTGACCCAGGTCTGCTCACGGCCCTCTATGGCCTGACT
TCACTCAGCACCTTGCAAGATCTGTGACGGACTCAGGAAGCTGCTAGACGAAGGAAGCTC

ACGGTACGGCGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG209504 representing NM_024575
Red=Cloning site Green=Tags(s)

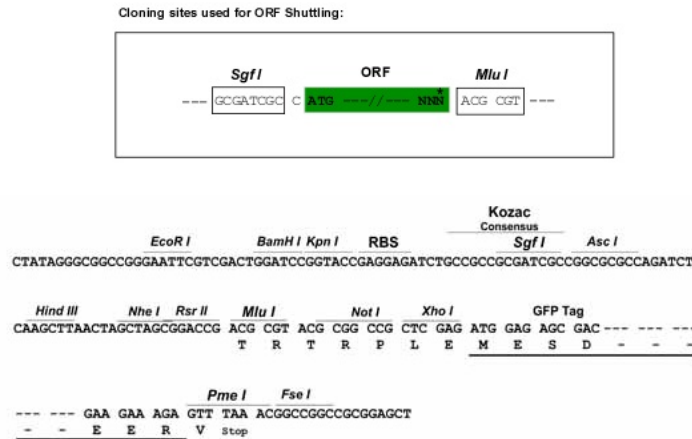
MESFSSKSLALQAEKLLSKMAGRSVAHLFIDETSSEVLDELRYVSKEYTHSRPQAQRVIKDLIKVAIKV
AVLHRNGSFGPSELALATRFQKLRQGAMTALSFGEVDFTFEAAVLAGLLTECRDVLELLEVEHLLTPKSH
GRIRHVFDFHSDPGLLTALYGPDFHQHLGKICDGLRKLLEDGKL

TRTRPLE - GFP Tag - V



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Restriction Sites: SgfI-MluI
Cloning Scheme:



ACCN: NM_024575

ORF Size: 552 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_024575.5](#)

RefSeq Size: 1196 bp

RefSeq ORF: 555 bp

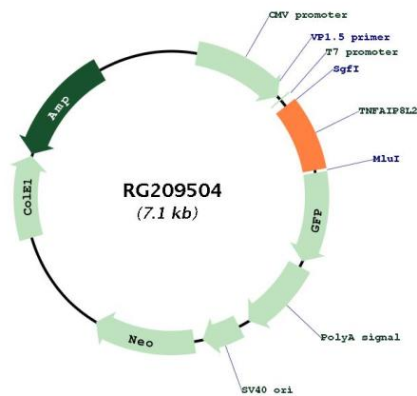
Locus ID: 79626

UniProt ID: [Q6P589](#)

Cytogenetics: 1q21.3

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 (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG209504