

Product datasheet for **MR224312**

Tnfaip6 (NM_009398) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tnfaip6 (NM_009398) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tnfaip6
Synonyms: Tnfip6; TSG-6; Tsg6
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR224312 representing NM_009398
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTCGTCTCCTTTGCTTATGCGTCTTGCTGTGGGAAGAGGCTCACGGATGGGGATTCAAGAACGGGA
TCTTTCATAACTCCATATGGCTTGAACAAGCAGCGGGCGTATACCACAGAGAAGCTCGGGCTGGCAGATA
CAAGCTCACCTACGCCAAGCCAAGGCCGATGTGAATTTGAAGGTGGTCTCGCAACCTACAAGCAG
CTAGAGGCAGCCAGAAAAATTGGATTCCATGTCTGTGCTGCTGGATGGATGGCCAAGGGTAGAGTCGGAT
ACCCCATTTGTGAAACCTGGGCCAACTGTGGATTTGGGAAAACGGGTATCATCGATTATGGAATCCGGCT
CAACAGGAGTGAGCGATGGGATGCCTATTGCTACAACCCACATGCAAAGGAGTGTGGTGGTGTCTTCACA
GATCCGAAGCGAATTTTTAAATCCCGGGCTTCCCAAATGAGTAGCATGACAACCAAGTCTGCTACTGGC
ACATTCGGCTCAAGTACGGTCAGCGAATTCACCTGAGCTTTTTGGACTTTGACCTTGAACATGATCCAGG
CTGCTTGGCTGACTATGTAGAAATCTATGACAGTTATGATGACGTCCACGGCTTTGTAGGAAGATACTGT
GGTATGAACTCCAGAAGACATCATTAGCACAGGAAATGTCATGACCTTGAAGTTTCTGAGTGTGCAT
CCGTACGGCTGGAGGCTTCCAGATTAATACGTCACAGTGGATCCTGCATCTAAATCCAGTCAAGCCAA
AAATAAAGTACTACTGGAATAAGAAGTCTTACCTGGAAGTTTAGCCATCTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR224312 representing NM_009398
 Red=Cloning site Green=Tags(s)

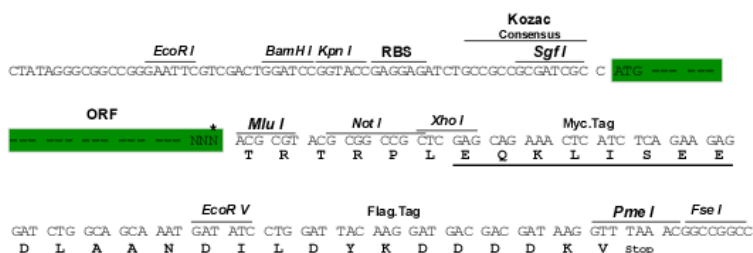
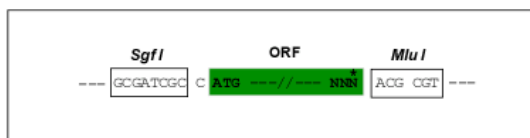
MVLLCLCVLLWEEAHGWGFKNGIFHNSIWLEQAAGVYHREARAGRYKLYAEAKAVCEFEGRRLATYKQ
 LEAARKIGFHVCAAGWMAKGRVGYPIVKPGPNCGFGKGTGIIDYGIRLNRSERWDAYCYNPHAKECGGVFT
 DPKRIFKSPGFPNEYDDNQVCYWHIRLKYGQRIHLSFLDFDLEHDPGCLADYVEIYDSYDDVHGFGVGRYC
 GDELPEDIISTGNVMTLKF LSDASVTAGGFQIKYVTVDPASKSSQAKNTSTTGNKKFLPGRFSHL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_009398

ORF Size: 825 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_009398.2](#), [NP_033424.1](#)

RefSeq Size: 1601 bp

RefSeq ORF: 828 bp

Locus ID: 21930

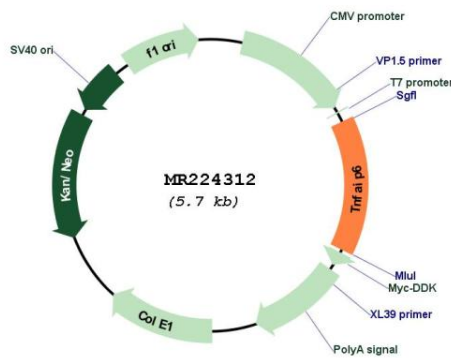
UniProt ID: [O08859](#)

Cytogenetics: 2 C1.1

MW: 31.4 kDa

Gene Summary: Possibly involved in cell-cell and cell-matrix interactions during inflammation and tumorigenesis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR224312