

Product datasheet for **RG236211**

TNFAIP8 (NM_001286817) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TNFAIP8 (NM_001286817) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: TNFAIP8
Synonyms: GG2-1; MDC-3.13; NDED; SCC-S2; SCCS2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG236211 representing NM_001286817.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGTGTCCAATCCATCGCCACCACCTTAATAGACGACACAAGTAGTGAGGTGCTGGATGAGCTCTAC
AGAGTGACCAGGGAGTACACCCAAAACAAGAAGGAGGCAGAGAAGATCATCAAGAACCTCATCAAGACA
GTCATCAAGCTGGCCATTCTTTATAGGAATAATCAGTTTAAATCAAGATGAGCTAGCATTGATGGAGAAA
TTTAAGAAAGAAAGTTCATCAGCTTGCTATGACCGTGGTCAGTTCCATCAGGTGGATTATACCTTTGAC
CGGAATGTGTTATCCAGGCTGTTAAATGAATGCAGAGAGATGCTGCACCAATCATTAGCGCCACCTC
ACTGCCAAGTACATGGACGGGTTAATAATGTGTTTGTATTTTTCAGATTGTGATTTTGGCTGCC
TTGTATAATCCTTTGGGAATTTAAACCCCACTTACAAAACACTATGTGATGGTATCAACAAAATGTTG
GATGAAGAGAACATA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG236211
Blue=ORF Red=Cloning site Green=Tag(s)

```
MVSKSIATTLIDDTSSVELDEL YRV TREYTQNKKEAEKIKNLIKTVIKLAILYRNNQFNQDELALMEK
FKKKVHQLAMTVVSFHQVDYTFDRNVL S RLLNECREMLHQI IQRHLTAKSHGRVNNVDFHFSDCEFLAA
LYNPFNGFKPHLQKLCDGINKMLDEENI
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGV LHVFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: SgfI-MluI

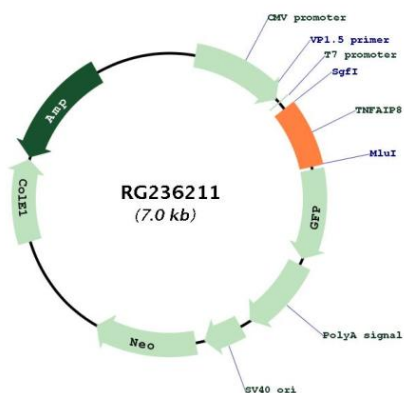


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Cloning Scheme:


- ACCN:** NM_001286817
- ORF Size:** 498 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).
- RefSeq:** [NM_001286817.2](#)
- RefSeq Size:** 2139 bp
- RefSeq ORF:** 501 bp
- Locus ID:** 25816
- UniProt ID:** [O95379](#)
- Cytogenetics:** 5q23.1
- Protein Families:** Druggable Genome
- MW:** 19.9 kDa
- Gene Summary:** Acts as a negative mediator of apoptosis and may play a role in tumor progression. Suppresses the TNF-mediated apoptosis by inhibiting caspase-8 activity but not the processing of procaspase-8, subsequently resulting in inhibition of BID cleavage and caspase-3 activation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG236211