

Product datasheet for **RG236593**

TNFAIP8 (NM_001286814) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TNFAIP8 (NM_001286814) 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:	>RG236593 representing NM_001286814. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGACTCTACCAAGATACTGTGAAGTTGTCTTCTGATTGCACACGGGGAGAAAATGCTGAACTAGTG
GCCACAGATGTCTTTAATCCAAAAACCTGGCCGTTCCAGGCACAAAAGAAGATCTTGGTAAAATGGTG
TCCAAATCCATCGCCACCACCTTAATAGACGACACAAGTAGTGAGGTGCTGGATGAGCTCTACAGAGTG
ACCAGGGAGTACCCCAAAACAAGAAGGAGGCAGAGAAGATCATCAAGAACCTCATCAAGACAGTCATC
AAGCTGGCATTCTTTATAGGAATAATCAGTTTAAATCAAGATGAGCTAGCATTGATGGAGAAATTTAAG
AAGAAAGTTCATCAGCTTCTATGACCGTGGTCAGTTTCCATCAGGTGGATTATACCTTTGACCGGAAT
GTGTTATCCAGGCTGTTAAATGAATGCAGAGAGATGCTGCACCAATCATTACAGCCACCTCACTGCC
AAGTCACATGGACGGTTAATAATGTGTTTGATCATTTTTCAGATTGTGAATTTTTGGCTGCCTTGAT
AATCCTTTGGGAATTTAAACCCCACTTCAAAAACTATGTGATGGTATCAACAAAATGTTGGATGAA
GAGAACATA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
```



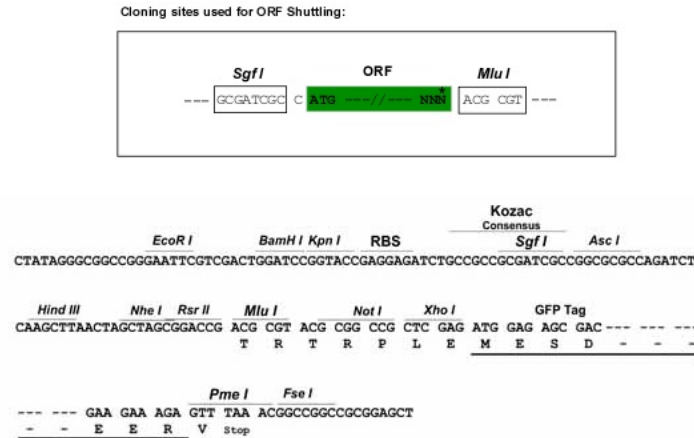
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG236593
 Blue=ORF Red=Cloning site Green=Tag(s)

MTLPRYCEVLLIAHGEKMLKLVAIDVFNKSNLAVQAQKKILGKMVSKSIATTLIDDTSSSEVLDELRYV
 TREYTQNKKEAEKIIKNLIKTVIKLAILYRNNQFNQDELALMEKFKKKVHQLAMTVVVSFHQVDYTFDRN
 VLSRLLNECREMLHQIIQRHLTAKSHGRVNNVFDHFDSDCEFLAALYNPFGNFKPHLQKLCGDKINKMLDE
 ENI
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIIRSNAVHHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001286814

ORF Size: 630 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).

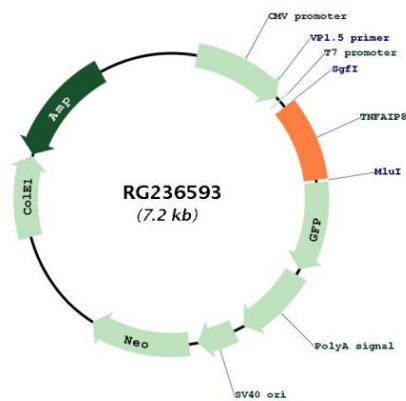
RefSeq: [NM_001286814.1](#), [NP_001273743.1](#)

RefSeq Size: 2258 bp

RefSeq ORF: 633 bp

Locus ID:	25816
UniProt ID:	O95379
Cytogenetics:	5q23.1
Protein Families:	Druggable Genome
MW:	24.8 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 RG236593