

## Product datasheet for **RG202729**

### TNFAIP8 (NM\_014350) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TNFAIP8 (NM\_014350) 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:** >RG202729 representing NM\_014350  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCACCTCGAAGCAGAAGAATCCAAGGAAGTGGCCACAGATGTCTTTAATTCAAAAACCTGGCCGTTCC  
 AGGCACAAAAGAAGATCTTGGGTAATAATGGTGTCCAAATCCATCGCCACCACCTAATAGACGACACAAG  
 TAGTGAGGTGCTGGATGAGCTCTACAGAGTGACCAGGGAGTACACCCAAAACAAGAAGGAGGCAGAGAAG  
 ATCATCAAGAACCTCATCAAGACAGTCAAGCTGGCCATTCTTTATAGGAATAATCAGTTAATCAAG  
 ATGAGCTAGCATTGATGGAGAAATTTAAGAAGAAAGTTCATCAGCTTGCTATGACCGTGGTCAGTTTCCA  
 TCAGGTGGATTATACCTTTGACCGGAATGTGTTATCCAGGCTGTTAAATGAATGCAGAGAGATGCTGCAC  
 CAAATCATTACAGCGCCACCTCACTGCCAAGTCACATGGACGGGTTAATAATGTGTTTTCAG  
 ATTTGTAATTTTTGGCTGCCTTTGATAATCCTTTTGGGAATTTTAAACCCCACTTACAAAACTATGTGA  
 TGGTATCAACAAAATGTTGGATGAAGAGAACATA

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:** >RG202729 representing NM\_014350  
 Red=Cloning site Green=Tags(s)

MHSEAEESKEVATDVFNKSNLAVQAQKKILGKMVSKSIATTLIDDTSSSEVLDEL YRVTREYQNKKEAEK  
 I IKNLIKTVIKLAILYRNNQFNQDELALMEKFKKKVHQLAMTVVSFHQVDYTFDRNVLSRLLNCREMLH  
 QIIQRHLTAKSHGRVNNVDFHSDCEFLAALYNPFGNFKPHLQKLCDGINKMLDEENI

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



[View online »](#)

**Cloning Scheme:**


**ACCN:** NM\_014350

**ORF Size:** 594 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\\_014350.4](#)

**RefSeq Size:** 2015 bp

**RefSeq ORF:** 597 bp

**Locus ID:** 25816

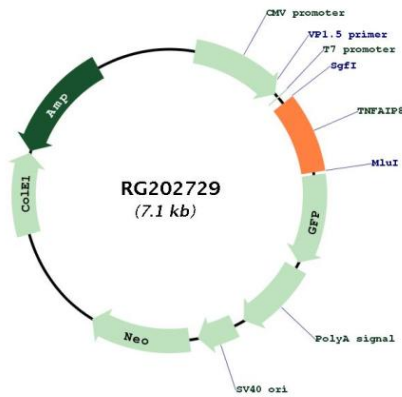
**UniProt ID:** [O95379](#)

**Cytogenetics:** 5q23.1

**Protein Families:** Druggable Genome

**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 RG202729