

## Product datasheet for **SC312385**

### TNFAIP8 (NM\_014350) Human Untagged Clone

#### Product data:

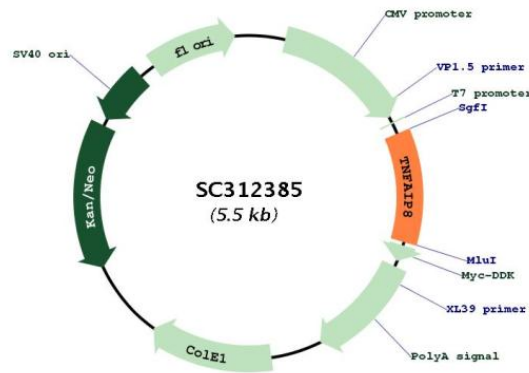
Product Type:	Expression Plasmids
Product Name:	TNFAIP8 (NM_014350) Human Untagged Clone
Tag:	Tag Free
Symbol:	TNFAIP8
Synonyms:	GG2-1; MDC-3.13; NDED; SCC-S2; SCCS2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC312385 representing NM_014350. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCACTCCGAAGCAGAAGAATCCAAGGAAGTGGCCACAGATGTCTTTAATCCAAAAACCTGGCCGTT
CAGGCACAAAAGAAGATCTTGGTAAAATGGTGTCCAAATCCATCGCCACCACCTTAATAGACGACACA
AGTAGTGAGGTGCTGGATGAGCTCTACAGAGTGACCAGGGAGTACACCCAAAACAAGAAGGAGGCAGAG
AAGATCATCAAGAACCTCATCAAGACAGTCATCAAGCTGGCCATTCTTTATAGGAATAATCAGTTTAAAT
CAAGATGAGCTAGCATTGATGGAGAAATTAAGAAGAAAGTTCATCAGCTTGCTATGACCGTGGTCAGT
TTCCATCAGTGGATTATACCTTTGACCGGAATGTGTTATCCAGGCTGTTAAATGAATGCAGAGAGATG
CTGCACCAAAATCATTAGCGCCACCTCACTGCCAAGTCACATGGACGGGTTAATAATGTGTTTGATCAT
TTTTAGATTGTGAATTTTGGCTGCCTTGATAATCCTTTTGGGAATTTAAACCCCACTTACAAAAA
CTATGTGATGGTATCAACAAAATGTTGGATGAAGAGAACATATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-MluI



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**Plasmid Map:**


**ACCN:** NM\_014350

**Insert Size:** 597 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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:	<u>NM_014350.3</u>
RefSeq Size:	2103 bp
RefSeq ORF:	597 bp
Locus ID:	25816
UniProt ID:	<u>O95379</u>
Cytogenetics:	5q23.1
Protein Families:	Druggable Genome
MW:	23 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes isoform a. Both variant 1 and 3 encode the same isoform.</p>