

Product datasheet for **SC334487**

TNFAIP8 (NM_001286814) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TNFAIP8 (NM_001286814) 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:	>NCBI ORF sequence for NM_001286814, the custom clone sequence may differ by one or more nucleotides

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ATGACTCTACCAAGATACTGTGAAGTTGCCTTCTGATTGCACACGGGGAGAAAATGCTGAACTAGTGG
CCACAGATGTCTTTAATTCCAAAACCTGGCCGTT CAGGCACAAAAGAAGATCTTGGGTAATAATGGTGTG
CAAATCCATCGCCACCACCTTAATAGACGACACAAGTAGTGAGGTGCTGGATGAGCTCTACAGAGTGACC
AGGGAGTACCCCAAAACAAGAAGGAGGCAGAGAAGATCATCAAGAACCTCATCAAGACAGTCATCAAGC
TGGCCATTCTTTATAGGAATAATCAGTTTAAATCAAGATGAGCTAGCATTGATGGAGAAATTAAGAAGAA
AGTTCATCAGCTTGTATGACCGTGGTCAGTTTCCATCAGGTGGATTATACCTTTGACCGGAATGTGTTA
TCCAGGCTGTTAAATGAATGCAGAGAGATGCTGCACCAAATCATT CAGCGCCACCTCACTGCCAAGTCAC
ATGGACGGGTTAATAATGTGTTTGATCATTTTT CAGATTGTGAATTTTTGGCTGCCTTGATAATCCTTT
TGGGAATTTTAAACCCCACTTACAAAACCTATGTGATGGTATCAACAAAATGTTGGATGAAGAGAACATA
TGA
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001286814
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).
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).



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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_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

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]
Transcript Variant: This variant (4) contains an alternate 5'-terminal exon and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (c) has a longer and distinct N-terminus, compared to isoform a.