

Product datasheet for **SC334104**

TNFAIP8 (NM_001286815) Human Untagged Clone

Product data:

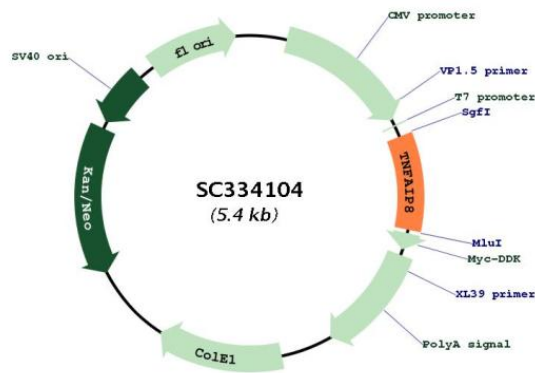
Product Type:	Expression Plasmids
Product Name:	TNFAIP8 (NM_001286815) Human Untagged Clone
Tag:	Tag Free
Symbol:	TNFAIP8
Synonyms:	GG2-1; MDC-3.13; NDED; SCC-S2; SCCS2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC334104 representing NM_001286815. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGTGTCCAATCCATCGCCACCACCTTAATAGACGACACAAGTAGTGAGGTGCTGGATGAGCTCTAC
AGAGTGACCAGGGAGTACACCCAAAACAAGAAGGAGGCAGAGAAGATCATCAAGAACCTCATCAAGACA
GTCATCAAGCTGGCCATTCTTTATAGGAATAATCAGTTTAAATCAAGATGAGCTAGCATTGATGGAGAAA
TTAAGAAGAAAGTTCATCAGCTTGCTATGACCGTGGTCAGTTCCATCAGGTGGATTATACCTTTGAC
CGGAATGTGTTATCCAGGCTGTTAAATGAATGCAGAGAGATGCTGCACCAATCATTAGCGCCACCTC
ACTGCCAAGTACATGGACGGGTTAATAATGTGTTTGATCATTTTTCAGATTGTGAATTTTGGCTGCC
TTGTATAATCCTTTGGGAATTTAAACCCCACTTACAAAACTATGTGATGGTATCAACAAAATGTTG
GATGAAGAGAACATATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCC
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001286815

Insert Size: 501 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).

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_001286815.1](#)

RefSeq Size: 2135 bp

RefSeq ORF: 501 bp

Locus ID: 25816

UniProt ID: [O95379](#)

Cytogenetics: 5q23.1

Protein Families: Druggable Genome

MW: 19.5 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]
Transcript Variant: This variant (5) differs in the 5' UTR and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (d) has a shorter N-terminus, compared to isoform a. Both variants 5 and 6 encode the same isoform.