

## Product datasheet for **SC320774**

### **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-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_014350.2  
 GGCTCCGGGGGCGGACTCCCGCCGCCAGCTGACACGCGATTTCGTCCTTGCAGAACT  
 TTCCCCGTGAAAAATCCCTGCACCAGAACCCGCTCTCCCGCCCCGGGGAGGTTTTGATTTT  
 AGTGGCTTTTCTCCTTTTATTTTCCGTCGTGTGCGGATTTTCGCTGCAGAGCGAACTTGGC  
 GCTCGTCCGAGTACATGTGAGCGGTAATCGCCCTGCAGCTGGTTATCCTGACATTATGC  
 ACTCCGAAGCAGAAGAATCCAAGGAAGTGGCCACAGATGTCTTTAATCCAAAAACCTGG  
 CCGTTTCCAGGCACAAAAGAAGATCTTGGGTAATAATGGTGTCCAAATCCATCGCCACCACCT  
 TAATAGACGACACAAGTAGTGAGGTGCTGGATGAGCTCTACAGAGTGACCAGGGAGTACA  
 CCAAAAACAAGAAGGAGGAGGAGAGAGATCATCAAGAACCTCATCAAGACAGTCATCAAGC  
 TGGCCATTCTTTATAGGAATAATCAGTTTAAATCAAGATGAGCTAGCATTGATGGAGAAAT  
 TTAAGAAGAAAGTTCATCAGCTTGTATGACCGTGGTCAGTTTCCATCAGGTGGATTATA  
 CCTTTGACCGGAATGTGTATCCAGGCTGTTAAATGAATGCAGAGAGATGCTGCACCAAA  
 TCATTGACCGCCACCTCACTGCCAAGTCACATGGACGGGTTAATAATGTGTTTGATCATT  
 TTTGAGATTGTGAATTTTGGCTGCCTTGATAATCCTTTTGGGAATTTTAAACCCCACT  
 TACAAAACTATGTGATGGTATCAACAAAATGTTGGATGAAGAGAACATATGAGCACATG  
 AGTTAAGATTGTGACTGATCATGATTTATTTGAAGATGGAGCACTGCTGATTTATGAAGG  
 AAAAAAGAAGAATTTTCTAAAGATTACACATATTTTCAGAAAAGACTTTACCAATTCAGTT  
 GTCAGACATAATGATTTATTTGAAGGCTTGTTTATTTGAAGAAAAGCATATTGCCAAAA  
 ATTCTGGTTAAAAGCTTCTAACGGTAACAGACCATGGGAGAGATATGTGGTTGGGTAA  
 TGCAAAATGTAGTTATACAAAAGAAAATACAGATGTCTCCAGACCTGAGGACTTTTTAATA  
 GGGCAGTTGTTGTGTTGGTGGCATTGGATATTTCTAACATGTACAAAGCTATGTATTT  
 TGATTACTTTTCACTTTTGTCTATGTATGTACTTTTCTTAAAATGCCAAGAACCTTCT  
 CTGCTATCATTGCTCCTTTTGAACAATTCAATTTTCATGCTACAGCTGACTGTTTTG  
 TTAAGATTGAGTCATCGACATTCAGGATTTAAGTCTGAGGTAGTCAACCTCAGGAAAAA  
 AAAAAATGGCTTATCTGAAATCAGTACTGTGAAATGAACTATATTAGCTATTATGAATAA  
 TGTCCAGTATAAGAATATGCTTCTGGAATTGAGTTCTCCTTTTAAAGTACCAATGATACTT  
 AAATTTCTCAGAAATGTAATGGTGTGCATTGCCTTGAATGCTTGCTTAGGGCTTCTTT  
 TATGTTATCTTAAAAGTCTGGTGAATTTTCCATTTTTTACATCCATTTACATGTAAG  
 AGACAAAAAGTCTAGATTGGTCTTGATATTGAGATAATAAAAAGTAAGTAGCATTAAAGA  
 AAGGTAACAATCTTCATTCTACAGATGAACTCATTGAAACAATTTAGGGGAATGAGGGGC  
 AAAAGGGGAGAAATACTGCTAAAGAACATGAGCATAAAAAATGCGTGCCTTTCAGTGTTA  
 AGAAGGCTTGATAAAGAATGTCACTTTTTTATTTAACTGATAAGATTTTTGTTATTTTTT  
 ACTTTGATAAGTAAACCAAAGAATATTTGTATTTCAAGCAGTTTGTGTGGTGTCTATA  
 TAATTTCTGTGTATAAATAAATAAGTAGGCATTTGTTTATTTTGTAAAAAGAAATGAA  
 AATCTGCTGGCCAGCTATGTCCTCTAGGAAATGACAGACCCAACCACCAGCAATAAACAT  
 TTCCATTGTCGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_014350

**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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_014350.2</a> , <a href="#">NP_055165.2</a>
<b>RefSeq Size:</b>	2015 bp
<b>RefSeq ORF:</b>	597 bp
<b>Locus ID:</b>	25816
<b>UniProt ID:</b>	<a href="#">O95379</a>
<b>Cytogenetics:</b>	5q23.1
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	<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>