

## Product datasheet for **SC330857**

### **TNFAIP3 (NM\_001270508) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	TNFAIP3 (NM_001270508) Human Untagged Clone
Tag:	Tag Free
Symbol:	TNFAIP3
Synonyms:	A20; AISBL; OTUD7C; TNFA1P2
Vector:	pCMV6-Entry (PS100001)



[View online »](#)

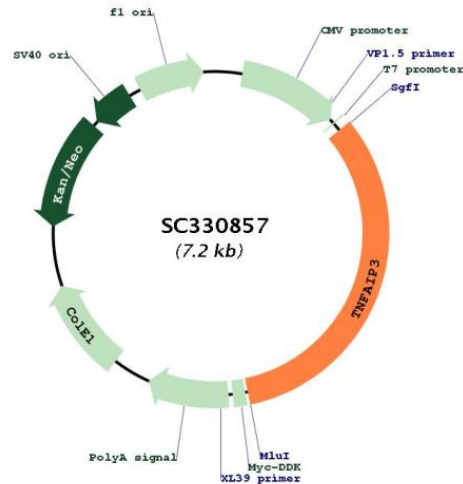
**Fully Sequenced ORF:** >SC330857 representing NM\_001270508.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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TTTCAGTTCAAGCAGATGTATGGCTAA
  
```

**Restriction Sites:** SgfI-MluI

## Plasmid Map:



ACCN: NM\_001270508

Insert Size: 2373 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in *E. coli* are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

**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\\_001270508.1](#)

RefSeq Size: 4753 bp

RefSeq ORF: 2373 bp

Locus ID: 7128

UniProt ID: [P21580](#)

Cytogenetics: 6q23.3

Protein Families: Druggable Genome

Protein Pathways: NOD-like receptor signaling pathway

MW: 89.6 kDa

**Gene Summary:** This gene was identified as a gene whose expression is rapidly induced by the tumor necrosis factor (TNF). The protein encoded by this gene is a zinc finger protein and ubiquitin-editing enzyme, and has been shown to inhibit NF-kappa B activation as well as TNF-mediated apoptosis. The encoded protein, which has both ubiquitin ligase and deubiquitinase activities, is involved in the cytokine-mediated immune and inflammatory responses. Several transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2012]

Transcript Variant: This variant (1) represents the longest transcript. All three variants encode the same protein.