

Product datasheet for **SC308496**

TNFAIP8L3 (NM_207381) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TNFAIP8L3 (NM_207381) Human Untagged Clone
Tag:	Tag Free
Symbol:	TNFAIP8L3
Synonyms:	TIPE3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC308496 representing NM_207381. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGGGAAACCGGCAAAACCAAGCACACTGGTTTCCACACTCTGTGAGGCAGAGCCAAAGGGGAAA
 CTGTGGGTCAACGGATATGCAGGGACCAAGGCACAAGGGATGCCACGTTACAAACAAGACTCATCCCC
 TTATCTTTTCATCTTCAGAGGGGAAAGGGACTTGCCGCCCGCTGTCCGCCCTGAGTGCGCCGCGGCTG
 CCCGAGCGCCCCGAGACGGCGGGTGGCCGTGGACGCCAGCCAGCAGCCGCGAGCATGGATTCGGAT
 TCCGGGGAGCAGAGCGAGGGCGAGCCCGTGACCGCCGAGGTCTGATGTTTTTAGTTCAAAGAGTCTT
 GCGCTTCAAGCCAGAAGAAGATTCTGAGCAAAATAGCCAGCAAACTGTGGCCAACATGTTGATTGAT
 GACACCAGCAGCGAGATCTTTGATGAGCTCTACAAAGTCACCAAAGAGCACACACAACAAGAAGGAA
 GCCCACAAGATCATGAAAGACTTAATCAAGGTGGCGATCAAAATCGGGATCCTCTACCGGAACAACCAG
 TTTAGCCAAGAGGAGCTGGTTATTGTGGAGAAGTTCGGAAGAAGCTGAACCAGACCGCCATGACCATT
 GTCAGCTTCTATGAGGTGGAATACACCTTCGATAGGAACGTGCTCTCAATCTCCTGCATGAGTGCAAG
 GACCTGGTGCATGAACTGGTGACGCGCACCTGACGCCAGGACCCACGGGCGCATCAACCACGTCTTT
 AACCACTTTGCCGATGTGGAGTTCCTCTCCACCCTCTATAGTCTGGATGGAGACTGTAGGCCCAACCTC
 AAGAGGATTTGTGAAGGAATCAATAAGTTGCTAGATGAGAAAGTCCTT**AA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_207381
Insert Size:	879 bp


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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:	<ol style="list-style-type: none"> 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_207381.3</u>
RefSeq Size:	2274 bp
RefSeq ORF:	879 bp
Locus ID:	388121
UniProt ID:	<u>Q5GJ75</u>
Cytogenetics:	15q21.2
MW:	32.7 kDa
Gene Summary:	<p>Acts as a lipid transfer protein. Preferentially captures and shuttles two lipid second messengers, i.e., phosphatidylinositol 4,5- biphosphate and phosphatidylinositol 3,4,5- trisphosphate and increases their levels in the plasma membrane. Additionally, may also function as a lipid-presenting protein to enhance the activity of the PI3K-AKT and MEK-ERK pathways. May act as a regulator of tumorigenesis through its activation of phospholipid signaling.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>