

Product datasheet for **SC325243**

TRAF3IP1 (NM_001139490) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRAF3IP1 (NM_001139490) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRAF3IP1
Synonyms:	FAP116; IFT54; MIP-T3; MIPT3; SLSN9
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC325243 sequence for NM_001139490 edited (data generated by NextGen Sequencing)

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ATGAACGCGGCGGTGGTGAAGCGGACGCGAGGCGCTGGGGAAAGTGATTTCGGAGGCCCGCTGACAG
AGAAGCTGCTGAGCAAGCCCCGTTCCGCTACCTGCACGACATCATCACGAGGTGATTAGAATGACTGG
TTTCATGAAGGGCCTCTACACAGACGCCGAGATGAAGTCTGATAATGTGAAGGATAAAGATGCAAAAATT
AGTTCCTACAAAAGGCCATAGACGTGGTTGTAATGGTGTCTGGGAGAGCCACTGTTGGCCAAACCAGCCC
GAATCGTGGCGGGCATGAGCCTGAAAGAACAACGAGCTGCTCCAGATAATTGGAAAATGCTGTCTCAA
CAAGCTCTCTAGTGACGATGCGGTGCGGAGGGTTTTAGCTGGAGAGAAGGGAGAAGTAAAAGGCCGGCC
TCACTGACCTCAAGATCTCAGGAATTGGATAATAAGAATGTGCGAGAAGAAGAGTCCAGAGTTTCAAAAA
ATACAGAGGATAGAGGAGACGCTGAAATAAAAGAGAGAAGTACAAGCAGAGATCGAAAACAGAAGGAAGA
ATTGAAAGAAGACCGCAAGCCAAGAAAAAGGACAAGGACAAGGAGAAGGCAAGGAGAATGGCGGAAAC
AGACACAGAGAAGGGAGAGAGAGAGCCAAAGCCGGGCCAGCCAGACAGCGAGCGACAGAAAGACA
GAGGCAACAGGGAGCGGGACAGAGACTCCGAGCGCAAGAAGGAGACAGAGAGAAAAGAGTGAGGGGGGAA
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AGAGTGAAAAACGGGAGCACTCCTGGGACCTGGACAGGGAGAAGAACAGAGAGCATGACAAACCCGAGA
AAAAGTCAGCAAGCTCAGGGGAGATGTCTAAAAAGTTATCAGATGGAACTTTTAAAGACTCCAAGGCTGA
AACAGAGACTGAGATTTCCACTAGAGCTTCCAAGTCATTGACAACAAAAACATCAAAACGGCGATCCAAA
AATTCAGTGGAAGGTGACTCCACCAGTGATGCAGAAGGAGATGCTGGACCTGCTGGCCAAGATAAGTCTG
AGGTGCCAGAGACTCCAGAAATTCCTAATGAGCTTTCATCCAACATCAGAAGAATTCCTCGGCCTGGGAG
TGCAAGACCAGCCCCCTCCCGGGTCAAACGGCAAGACAGCATGGAGGCGCTACAAATGGATAGTCAAGG
AGTGGTAAAACCGTTTTCAAATGTGATTACAGAGTCACACAATTCGACAATGAAGAGGATGATCAATTTG
TGGTGGAAAGCTGCCCTCAGCTCTCTGAAATGTCAGAAATGAAATGGTAAACAGCAGTGGAACTAGAAGA
AGAGGAGAAGCATGGTGGACTTGTGAAAAAATTTTGGAGACGAAGAAAGATTATGAGAAATTCAGCAG
TCACCCAAACCTGGGAGAAGGAGCGATCTCTTTGAGTCGGCATGGAAGAAGGAGAAGGACATCGTTT
CCAAGGAGATAGAGAAGCTCCGCACGTCCATCCAGACCCTGTGCAAGAGCGCACTTCCCCTGGGGAAGAT
CATGGACTACATCCAGGAAGACGTGGATGCCATGCAGAATGAGCTGCAGATGTGGCACAGCGAGAACAGG
CAGCACGCCGAGGCCCTGCAGCAGGAGCAGAGGATCACAGACTGTGCCGTGGAGCCCTTAAAGGCTGAGC
TCGCGGAGCTGGAGCAGCTGATCAAAGACCAGCAAGACAAGATCTGTGCTGTGAAGGCCAACATCCTCAA
GAATGAAGAAAAATCCAGAAAATGGTATATAGTATCAATTTGACTTCGAGAAGTGA
    
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Clone variation with respect to NM_001139490.1
 69:a=>c 683:g=>a 906:c=>t

- Restriction Sites:** Please inquire
- ACCN:** NM_001139490
- Insert Size:** 3900 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).
- OTI Annotation:** The ORF of this clone has been fully sequenced and found to contain one SNP compared with NM_001139490.1.
- 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_001139490.1](#), [NP_001132962.1](#)

RefSeq Size: 3985 bp

RefSeq ORF: 1878 bp

Locus ID: 26146

UniProt ID: [Q8TDR0](#)

Cytogenetics: 2q37.3

Protein Families: Druggable Genome

Gene Summary: The protein encoded by this gene interacts with TNF receptor-associated factor 3, tethering it to cytoskeletal microtubules. The encoded protein is also an inhibitor of the innate type I IFN response. Defects in this gene are a cause of Senior-Loken syndrome 9. [provided by RefSeq, Mar 2017]

Transcript Variant: This variant (2) lacks two in-frame exons in the 5' coding region, compared to variant 1, and encodes a shorter isoform (2), compared to isoform 1.