

Product datasheet for **SC111104**

TIAF1 (NM_004740) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TIAF1 (NM_004740) Human Untagged Clone
Tag:	Tag Free
Symbol:	TIAF1
Synonyms:	MAJN; SPR210
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC111104 sequence for NM_004740 edited (data generated by NextGen Sequencing) ATGTCATCTCCATCTTCACCCCTTCAGAGAGCAGTCCTTTCTCTGTGCAGCTGGAGACGCT GGTGAGGAGAGCCGGGTCCAGGTTCTTAAGAATGAGGTGCGGAGGGGCTCTCCGGTGCTG CTGGGCTGGGTTGAGCAAGCCTACGCAGACAAGTGTGTGTGGACCATCCGCACCTCCA GCCCCACCCACCCTCTTTGTCTCAGCGTGTTATGTGCAATGACCTATTTAAGGTAAAC CCATTCCAACACAGCAGTTCAGGGCTGATCCAAGCACTGCCTCCCTCCTGCTCTGTCCA GGTGGTCTGGACCATAAACTCAACTTGAGAGGGAAGGCTTGGGGTTGA Clone variation with respect to NM_004740.3



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_004740 unedited
 CGTCAGAAATTTGTATACGACTCATATAGGGCGGCCGCAATTCGCACGAGGTGCCTGGGC
 ACCTCTCCAGNAAGTGGTGGGGCACCGGTCTCCCCACCCGACTGCTGATCTGCATGGG
 AAACACCTGACCTTCTTCTGTCTAGGGGCACTTTCCAGGCTATGGGTGTCTGATGTCTCC
 ACGTGGAAGAGGTGGGGGAAAGAGGAGTTTCTGAAGAGAACTTTTGTCTCTGTCTCA
 AAATGCCAGACTCTTGGCTTCTACCTGTGTACCGTGGGCAGCGCAGGTGGCCTGGCA
 CTGCATGGAGCCAGCACGTTGACCTCCCTCTCAGCTCCCTGCTCAGGGACGGTGGACAGG
 TTGCCTACTGGGACACTCTAGGTTGCTGGGTCCATGGNAGGATTGGGGGAGGANAAGCA
 GTGCCCTTCCCTCTCGGTGGGNGGGNGGCTCTCTCTTCTTGGTGCCTGCTGTCTTTCTAC
 TTTTAAATTTAAATACCAACCTCTCCATCACAGCTGCATCCTGNAGAGTGGGGAGGGNG
 GCCTGTAGTGGGTAGCTGGGGCTCCCAAGAAGACTCGGGAATGTCATCTCCATCTTCAC
 CCTTCAGAGAGCAGTCTTTCTGTGTGACGCTGGAGACGCTGGTGAAGAGAACCCGGGTC
 CAGGTTCTTAGAATGAGGTGCCGNAGGGGTNCTCCGGGGCTGCTGGGCTGGGTTGAGC
 AAGCCTACGACAGCAGTGTGTGGTGTGGACCATNCGNACCTNACGCCCCACCCACC
 CTCTTTGTCTCAACGTGGTTATGTGCAATGACCTAATTTAAAGTAAACCCATTCCACTTA
 CAGAAATTTAGGGCTGGATCAAGCACTGCCTCCTCTGCTTGNCCCCGGGGGCTGGA
 CCATAACTCAACTGAAAAGGAAGCTGGGGGNTTAAGACTTG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_004740 unedited
 TATGGACCGCGCGCCGAATCTAGNATCGAGTTTTTTTTTTTTTTTTTTCAGAGGAAAGG
 GCCTTTATTTCCATACATCGGGTAAACAGGGGAGAGCACAGCCAGTGAGTACAAACCAA
 TTGCAGGAGAGAAAGGGGGCGGCAGATGGGAGCAGCACCAGGCACTGCACTTGGGCTCCC
 AAGTCTGGTGGAGTTCTCAGGGATAACCTTTTTAGGGTGGGGGCTGGGACCTCCAGACCA
 CATGGTGTGTGTCTGGGATAAGTGTGTGGGGGAGGGAGGTTGGAAGAATGACACGGGC
 TCAGGACACAGAGTGAGGACTCATGTCTAATGAGCACCAGGCCAAAACCTCCATCTTCAGT
 TTTTCTGATCACAAGTCTCAACCCCAAGCCTTCCCTCTCAAGTTGAGTTTATGGTCCAG
 ACCACCTGGACAGAGCAGGAGGGAGGCACTGCTTGGATCAGCCCTGAAGTGTGTAGTTG
 GAATGGGTTTACCTTAAATAGGTATTGCACATAACACGCTGANACAAAGAGGGTGGGGT
 GGGGGCTGGAGGTGCGGATGGTCCACACACACACTTGTCTGCGTAGGCTTGCTCAACCCA
 GCCCAGCAGCACCAGGAGAGCCCCCTCCGACCTCATTCTTAAGAACCTGGACCCGGCTCTC
 CTCACCGCTCTCCAGCTGCACAGAGAAAGGACTGCTCTCTGAAGGGTGAAGATGGAGA
 TGACATTCCCGAGTCGTTCTTGGGAGCCCCAGCTACCACTACAGCCCCCTNCCACTCTCA
 GGGATGCANCTGTGATGGGAAAGGTTGGGTATTAATAAATAAAGTANAAGACAGCCGG
 CACCAGAAAAAAGCCCCACCCACACGAGAGGGAAGCACTGCTNCTCCTTCCCCA
 ATCCTCCCATGGA

Restriction Sites:

NotI-NotI

ACCN:

NM_004740

Insert Size:

1370 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:	<u>NM_004740.3, NP_004731.2</u>
RefSeq Size:	2110 bp
RefSeq ORF:	348 bp
Locus ID:	9220
UniProt ID:	<u>O95411</u>
Cytogenetics:	17q11.2
Protein Families:	Druggable Genome
Gene Summary:	Inhibits the cytotoxic effects of TNF-alpha and overexpressed TNF receptor adapters TRADD, FADD, and RIPK1. Involved in TGF-beta1 inhibition of IkappaB-alpha expression and suppression of TNF-mediated IkappaB-alpha degradation.[UniProtKB/Swiss-Prot Function]