

Product datasheet for SC112982

TNFAIP1 (NM_021137) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | TNFAIP1 (NM_021137) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | TNFAIP1 |
| Synonyms: | B12; B61; BTBD34; EDP1; hBACURD2 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >OriGene ORF within SC112982 sequence for NM_021137 edited (data generated by NextGen Sequencing) |

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ATGTCGGGGGACACCTGCCTGTGCCAGCCTCAGGGGCAAGCCCAAGCTCAGTGGCTTC
AAGGGAGGAGGGTTGGGCAACAAGTATGTCCAGCTCAACGTGGGCGGCTCTCTGTACTAC
ACCACTGTGCGGGCCCTGACCCGCCACGACACCATGCTCAAGGCCATGTTCAAGTGGGCGC
ATGGAGGTGCTGACCGACAAAGAAGGCTGGATCCTCATAGACCGTTGTGGAAAGCACTTT
GGCACCATTTTGAATTACCTCCGAGATGACACCATCACCTCCCTCAGAACCGGCAAGAA
ATCAAGGAATTGATGGCTGAAGCAAAGTATTACCTCATCCAGGGGCTGGTGAATATGTGC
CAGAGTGCCTGCAGGACAAGAAGGACTCCTACCAGCCTGTGTGCAACATCCCCATCATC
ACATCCCTAAAGGAGGAGGAGCGGCTCATCGAATCCTCCACCAAGCCCGTGGTGAAGCTG
CTGTACAACAGAAGCAACAACAAGTATTCTACACCAGCAACTCTGACGACCACCTGCTG
AAAAACATCGAGCTGTTTGACAAGCTCTCCCTGCGCTTCAACGGCCGCGTCTTTCATC
AAGGATGTCATTGGTGACGAGATCTGCTGCTGGTCTTTTATGGCCAGGGCCGTAAGCTG
GCAGAGGTGTGCTGTACCTCCATCGTGTATGCCACGGAGAAGAAGCAGACCAAGGTGGAA
TTCCCAGAGGCCCGAATCTATGAGGAGACACTCAACGTCTACTCTATGAGACTCCCCGC
GTCCCCGACAACCTCTTGTGGAGGCCACAAGCCGTAGCCGCAGCCAGGCTTCCCCCAGT
GAAGATGAGGAGACCTTTGAACTGCGGGACCGTGTCCGCCGATCCACGTCAGGCGCTAC
AGCACTTACGATGACCGGCAGCTCGGCCACCAGTCTACCCATCGCGACTGA

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Clone variation with respect to NM_021137.4



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| 5' Read Nucleotide Sequence: | <p>>OriGene 5' read for NM_021137 unedited GTTTTAAACACGACTACTGATAGGCGGCCCAATTTCGGCACGAGGTGCAGGCTATGGGC GGCTCGGAGTCCGCTGGCCACCCAGCTGAGAGGAGAGGGCGCCCCGGGGACGCACTGAGA TTATGAGGCTCTGGCCTCCACTGGCCACTACTCGTGACCCTTTCCACCACGGCGGAGCC TTCCAAGCCTACCTCCTGCCGTGTGGTATCTACCTGCAGCGGGAGATGTCGGGGGACAC CTGCCTGTGCCAGCCTCAGGGGCCAAGCCCAAGCTCAGTGGCTTCAAGGGAGGAGGGTT GGGCAACAAGTATGTCCAGCTCAACGTGGGCGGCTCTCTGTACTACACCCTGTGCCGGC CCTGACCCGCCACGACACCATGCTCAAGGCCATGTTTCAGTGGGCGCATGGAGGTGCTGAC CGACAAAGAAGGCTGGATCCTCATAGACCGTTGTGAAAAGCACTTTGGCACCATTTTGAA TTACCTCCGAGATGACACCATCACCTCCCTCAGAACCGCAAGAAATCAAGGAATTGAT GGCTGAAGCAAAGTATTACCTCATCCAGGGGCTGGTGAATATGTGCCAGAGTGCCCTGCA GGACAAGAAGGACTCCTACCAGCCTGTGTGCAACATCCCCATCATCACATCCCTAAAGGA GGAGGAGCGGCTCATCGAATCCTCCACCAAGCCCGTGGTGAAGCTGCTGTACAACAGAAG CAACAACAAGTATTCTACACCAGCAACTCTGACGACCACCTGCTGAAAACATCGAGCTG TTGACAGCTTCTCCTGCGCTTACGGNCGCGTGTCTTATCAAGATGTCATTGTGACGAG ACTGCTGCTGCCTTTATGGC</p> |
| 3' Read Nucleotide Sequence: | <p>>OriGene 3' read for NM_021137 unedited TAGAGTCGAGTTTTTTTTTTTTTTTTTTGGATTTAAAATTATTCATTTCTAGATTATTT TTTAAAAACAAACTTATCAAGCCTGTGCTTAAACACCTTAGGAAAAAAGACGTCCCACT TTCTGCACCAGGGCCTACAGCACCAGAACTGCCTTTCCCCAGCTGAGGCCTAAGGGG CAGCAGCCCTTCTGCACAGGGCCTACGGGAAGGTTCTCAGCAGGAGGTGGGTGAGTCCAT ATGCCCCAGGGAGCAGAAGCACCTTCGCCGGGCAGGAAGGGTGATGGTGAGCAGATAGGA CAGGACGCACTCCACAAGTGCTCAGGGGCAAGGCAGGGGAATGTGGTACCTCCTCTGC CCAGACCTCTGACCTCTGAGCACGGCCTGTAATGCCTCTGGGCGCTACACCACACACC AGGCCCTTATCAGTCTGGGGTGGACAATGGGGCGGGATTTCCCAGATGGGAGATACGGGC CTTGCGGCCCCGACTTCTGAGGGCTTTGTCCATCCCTCATGGGTATACCGCCGGCCCCG TCTGTTGATCCCAACAACGCCGCTCCCCGACCTGGCTCCTGCGGCAACGGTCCCCGATC CCCCAGTCCCCATTTTTCTGGCCGTAACCCGCGCCCCCGCATCCCCTTGCCGTTACC CCATTGCACCCGATTCCCTCTCCCCATTTCCCCCATCAGACCCCGCCGCTTCCCCTT ATCCCCCTTCTCCTCGATACCTATCTCTTTATCCCCATCCCTTCCCGTACCATCCCCAC GGCCGTCCCTTCGTCCATCCCCCTTTTACCCTCACCGCATCCCCATGGCCCGTTCTCTC CCCATCACACTCCTACTCTCTCCCTTCCACCTCCCCGTCCCATTCTCTCCTCGTCCCCT CCGTTCTATTATTTCCCTCCCCTTGTGTCGTCGTTACCCATTCCGTTTCCCCATCCCGA TCTCTTCCCCGCTCCTTCACTCCTTCTCCTTCCCCCTCCCCCATCCCACGTCGTTCC CCGTTTATCCCCCGCATCCCTCCGCTTNTCTCTACCGGCCCCCTT</p> |
| Restriction Sites: | NotI-NotI |
| ACCN: | NM_021137 |
| Insert Size: | 1700 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). |

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| 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: | NM_021137.3 , NP_066960.1 |
| RefSeq Size: | 3571 bp |
| RefSeq ORF: | 951 bp |
| Locus ID: | 7126 |
| UniProt ID: | Q13829 |
| Cytogenetics: | 17q11.2 |
| Domains: | BTB, K_tetra |
| Protein Families: | Druggable Genome, Ion Channels: Other |
| Gene Summary: | This gene was identified as a gene whose expression can be induced by the tumor necrosis factor alpha (TNF) in umbilical vein endothelial cells. Studies of a similar gene in mouse suggest that the expression of this gene is developmentally regulated in a tissue-specific manner. [provided by RefSeq, Jul 2008] |