

Product datasheet for **SC209984**

TNF alpha (TNF) (NM_000594) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: TNF alpha (TNF) (NM_000594) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: TNF
Synonyms: DIF; TNF-alpha; TNFA; TNFSF2; TNLG1F
ACCN: NM_000594
Insert Size: 829 bp
Insert Sequence: >SC209984 3'UTR clone of NM_000594
The sequence shown below is from the reference sequence of NM_000594. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAGGTCTACTTTGGGATCATTGCCCTGTGAGGAGGACGAACATCCAACCTTCCCAAACGCCCTCCCCTGC
CCCAATCCCTTTATTACCCCTCCTTCAGACACCCTCAACCTCTTCTGGCTCAAAAAGAGAATTGGGGG
CTTAGGTTCGGAACCCAAGCTTAGAACTTTAAGCAACAAGACCACCCTTCGAAACCTGGGATTCAGGA
ATGTGTGGCCTGCACAGTGAAGTCTGGCAACCACTAAGAATTCAAACTGGGGCCTCCAGAACTCACTG
GGGCCTACAGCTTTGATCCCTGACATCTGGAATCTGGAGACCAGGGAGCCTTTGGTTCTGGCCAGAATG
CTGCAGGACTTGAGAAGACCTCACCTAGAAATTGACACAAGTGGACCTTAGGCCTTCTCTCTCCAGAT
GTTTCCAGACTTCCTTGAGACACGGAGCCAGCCCTCCCATGGAGCCAGCTCCCTCTATTTATGTTG
CACTTGTGATTATTTATTTATTTATTTATTTATTTATTTATTTACAGATGAATGTATTTATTTGGGAGACC
GGGTATCCTGGGGACCCAATGTAGGAGCTGCCTGGCTCAGACATGTTTTCCGTGAAAACGGAGCTG
AACAAAGGCTGTTCCCATGTAGCCCCCTGGCCTCTGTGCCTTCTTTGATTATGTTTTTAAAAATATT
TATCTGATTAAGTTGTCTAAACAATGCTGATTTGGTGACCAACTGCACTCATTGCTGAGCCTCTGCTC
CCCAGGGGAGTTGTGTCTGTAATCGCCCTACTATTCAGTGGCGAGAAATAAAGTTTGCTTAGAAAAGAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_000594.4
Summary:	This gene encodes a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily. This cytokine is mainly secreted by macrophages. It can bind to, and thus functions through its receptors TNFRSF1A/TNFR1 and TNFRSF1B/TNFR. This cytokine is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. This cytokine has been implicated in a variety of diseases, including autoimmune diseases, insulin resistance, psoriasis, rheumatoid arthritis ankylosing spondylitis, tuberculosis, autosomal dominant polycystic kidney disease, and cancer. Mutations in this gene affect susceptibility to cerebral malaria, septic shock, and Alzheimer disease. Knockout studies in mice also suggested the neuroprotective function of this cytokine. [provided by RefSeq, Aug 2020]
Locus ID:	7124
MW:	31.1