

Product datasheet for **MC200149**

Tnfrsf1a (BC004599) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tnfrsf1a (BC004599) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tnfrsf1a
Synonyms:	p55, CD120a, TNF-R1, TNF-R55, TNFRp55, FPF, TNF-R, TNFAR, p55-R, TNFR60, TNF-R-I
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC004599
 GAACTCTGGCTCATGATCGGGCCTACTGGGTGCGAGGTCCTGGAGGACCGTACCCTGATCTCTATCTGCC
 TCTGACTTTTCAGCTTCTCGAACTCGAGGCCAGGCTGCCATCGCCCGGGCCACCTGGTCCGATCATCTTA
 CTTCAATTCACGAGCGTTGTCAATTGCTGCCCTGTCCCCAGCCCCAATGGGGGAGTGAGAGGCCACTGCCG
 GCCGGACATGGGTCTCCCCACCGTGCCTGGCCTGCTGCTGCTACTGGTGCCTCTGGCTCTGCTGATGGGG
 ATACATCCATCAGGGGTCACTGGACTAGTCCCTTCTCTTGGTGACCGGGAGAAGAGGGATAGCTTGTGTC
 CCCAAGGAAAGTATGTCCATTCTAAGAACAATTCATCTGCTGCACCAAGTGCCACAAAGGAACCTACTT
 GGTGAGTGACTGTCCGAGCCCAGGGCGGGATACAGTCTGCAGGGAGTGTAAAAGGGCACCTTTACGGCT
 TCCCAGAATTACCTCAGGCAGTGTCTCAGTTGCAAGACATGTCGAAAAGAAATGTCCCAGGTGGAGATCT
 CTCCTTGCCAAGCTGACAAGGACACGGTGTGTGGCTGTAAGGAGAACCAGTTCCAACGCTACCTGAGTGA
 GACACACTTCCAGTGCCTGGACTGCAGCCCCTGCTTCAACGGCACCGTGACAATCCCCTGTAAGGAGACT
 CAGAACACCGTGTAACTGCCATGCAGGGTCTTTCTGAGAGAAAGTGTGCTGCCCTTGCAGCCACT
 GCAAGAAAAATGAGGAGTGTATGAAGTTGTGCCTACCTCCTCCGCTTGCAAATGCACAAACCCCAAGGA
 CTCAGGACTGCGGTGCTGTTGCCCTGGTTATCTTGTAGTCTTTGCCTTCTATCCTTTATCTTCATC
 AGTTTAAATGTGCCGATATCCCCGGTGGAGGCCGAAGTCTACTCCATCATTTGTAGGGATCCCGTGCTG
 TCAAAGAGGAGAAGGCTGAAAAGCCCCTAACTCCAGCCCCCTCCCAGCCTTCAGCCCCACCTCCGGCTT
 CAACCCCACTCTGGGCTTCAGCACCCCAGGCTTTAGTTCTCCTGTCTCCAGTACCCCATCAGCCCCATC
 TTCCGCTCTAGTAACTGGCACTTCATGCCACCTGTGAGTGGTGTAGTCCCAACCCAGGGAGCTGACCCTC
 TGCTCTACGAATCACTCTGCTCCGTGCCAGCCCCACCTCTGTTCAGAAATGGGAAGACTCCGCCCAACC
 GCAACGTCCTGACAAATGCAGACCTTGCATTCTGTATGCTGTGGTGGATGGCGTGCCTCCAGCGCGCTGG
 AAGGAGTTCATGCGTTTCATGGGGCTGAGCGAGCACGAGATCGAGAGGCTGGAGATGCAGAACGGGGCTG
 CCTGCGCGAGGCTCAGTACAGCATGCTGGAAGCCTGGCGGCCCGCACGCCCGCCACGAGGACACGCT
 GGAAGTAGTGGGCTCGTGTCTTCAAGATGAACCTGGCTGGGTGCCTGGAGAATATCCTGAGGCTCTG
 AGAAATCCCGCCCCCTCGTCCACGACCCGCTCCCGCATAAAGCCACACCCACAACCTTAGGAAGAGGG
 ACTTGAACCTCAAGGACCATCCTGCTAGATGCCCTACTCCTGTGGGTGAAAAGTGGGCAAAAGTCTCTA
 AGGGGGAAGGCTCGAGCTGGTAGCCACTTCTTGGTGCTACCGACTTGGTGTACATAGCTTTTCTCAGCC
 GCCGAGGACTGCCTGAGCCAGCCACTTGTGAGTGGCAGGGAGATGTACCATCAGCTCCTGCCAGCTGAG
 GGTGCCAAAGACAGGATTGTAGAGGAAAGGCACAATGTATCTGGTCCCCTTGGGATGCACAGGGCCCA
 AGCCAAGCTTCTCAGGGCCTCCTCAGTGGGTTTCTGGGCCTTTTCACTTTTGATAAGCAATCTTTGTAT
 CAATTATACACTAATGGATGAAGTGTGTAAGGTAAGGACAAGCATAGAAAGGCGGGGTCTCCAGCTG
 GAGCCCTCGACTCTTGTAAATACACTAAACGTCTAAAAATGAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC004599

Insert Size: 1365 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: [BC004599](#), [AAH04599](#)

RefSeq Size: 2086 bp

RefSeq ORF: 1365 bp

Locus ID: 21937

Cytogenetics: 6 59.32 cM

Gene Summary: This gene encodes a member of the TNF receptor superfamily of proteins. The encoded receptor is found in membrane-bound and soluble forms that interact with membrane-bound and soluble forms, respectively, of its ligand, tumor necrosis factor alpha. Binding of membrane-bound tumor necrosis factor alpha to the membrane-bound receptor induces receptor trimerization and activation, which plays a role in cell survival, apoptosis, and inflammation. Proteolytic processing of the encoded receptor results in release of the soluble form of the receptor, which can interact with free tumor necrosis factor alpha to inhibit inflammation. Mice lacking a functional copy of this gene exhibit impaired immune function. [provided by RefSeq, Sep 2016]