

Product datasheet for **MC206295**

Tnfrsf11a (BC019185) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tnfrsf11a (BC019185) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tnfrsf11a
Synonyms:	Ly109, mRANK, OFE, ODFR, TRANCE-R
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC019185
 CCACGCGTCCGCGCCCGCACCGGCCATGGCCCCGCGCGCCCGCGCGCCAGCTGCCCGCGCCGCT
 GCTGGCGCTCTGCGTGTCTGCTGTTCCACTGCAGGTGACTCTCCAGGTCACTCCTCCATGCACCCAGGAG
 AGGCATTATGAGCATCTCGGACGGTGTTCAGCAGATGCGAACCCAGGAAAGTACCTGTCTCTAAGTGCA
 TCCTACCTCCGACAGTGTGTCTGCCCTGTGGCCCCGATGAGTACTTGGACACCTGGAATGAAGAAGA
 TAAATGCTTGTGCATAAAGTCTGTGATGCAGGCAAGGCCCTGGTGGCGGTGGATCCTGGCAACCCACAG
 GCCCGCGTGTGCTTGCACGGCTGGCTACCACTGGAACCTCAGACTGCGAGTGTGCCGAGGAACA
 CGGAGTGTGCACCTGGCTTCGGAGCTCAGCATCCCTTGCAGCTCAACAAGGATACGGTGTGCACACCCTG
 CCTCTGGGCTTCTTCTCAGATGCTTTTTCTGCCACAGACAAATGCAAACCTTGGACCAACTGCACCCTC
 CTTGAAAGCTAGAAGCACACCAGGGGACAACGGAATCAGATGTGGTCTGCAGCTCTTCCATGACTGA
 GGAGACCACCAAGGAGGCCAGGCTTACCTGCCAGTCTCATCGTTCTGCTCCTTTCATCTCTGTGGT
 AGTAGTGGCTGCCATCATCTTCGGCGTTTACTACAGGAAGGGAGGAAAGCGCTGACAGCTAATTTGTGG
 AATTGGGTCAATGATGCTTGCAGTAGTCTAAGTGGAAATAAGGAGTCTCAGGGGACCGTTGTGCTGGTT
 CCCACTCGGCAACCTCCAGTCAGCAAGAAGTGTGTGAAGGTATCTTACTAATGACTCGGGAGGAGAAGT
 GGTTCAGAAGACGGTGTGGAGTCTGTGGCCTGTGTGTGCGGCAGGTGGGCCCTGGGCAGAAGTCA
 GATTCTAGGACGTTACACTGGTCAGCGAGGTTGAGACGCAAGGAGACCTCTCGAGGAAGATTCCACAG
 AGGATGAGTACACGGACCGGCCCTCGCAGCCTTGGACTGGTTCAGTCTCTAATCCAGCAGGGAAGCAA
 ATCTATACCCCCATTCCAGGAGCCCTGGAAGTGGGGGAGAACGACAGTTTAAGCCAGTGTTCACCGGG
 ACTGAAAGCACGGTGGATTCTGAGGGCTGTGACTTCACTGAGCCTCCGAGCAGAACTGACTCTATGCCCC
 TGTCCCCGAAAAGCACCTGACAAAAGAAATAGAAGGTGACAGTTGCCTCCCCTGGGTGGTCACTCCAA
 CTCAACAGATGGCTACACAGGACAGTGGGAACACTCCTGGGGAGGACCATGAACCCCTTCCAGGGTCCCTG
 AAATGTGGACCATGCCCCAGTGTGCCTACAGCATGGGCTTCCAGTGAAGCAGCAGCCAGCATGGCAG
 AGCGGGAGTACGGCCCCAGGACAGGGCTGATGAGAAGGGAGCCTCAGGGTCCGGGAGTCCCCCAGTGA
 CCAGCCACTGCCTCTGGGAACGTGACTGGAAACAGTAACTCCAGTTCATCTCTAGCGGGCAGGTGATG
 AACTTCAAGGGTACATCATCGTGGTGTATGTCAGCCAGACCTCGCAGGAGGGCCCGGGTCCCGCAGAGC
 CCGAGTCGGAGCCGTGGGCCGCCCTGTGCAGGAGGAGACGCTGGCACACAGAGACTCCTTTGCGGGCAC
 CGCGCCGCGCTTCCCCGACGTCTGTGCCACCGGGCTGGGCTGCAGGAGCAGGGGACCCCGCAGAA
 GACGGGACATCGCGCCGGTGCAGGAGCAGGGTGGGGCGCAGACTTCACTCCATACCCAGGGGTCCGGAC
 AATGTGCAGAATGACCTCACCTTCTGTCTGCCCTGGGTGCAGGGCACCAGTGCCTTTCCAAAAACATG
 GTGTAGCTAGCCACTGTGCACCTCCTCACTGGTGCAGGCTGCTGGCATGGTATGGAGCCACCTCTCAC
 TTCTCCAGTGCCTCTCCTCTGCCTCCTACCACCTGGCATCATTAGTGGCTTTTTTTGCAACGT
 TGGTGTCTGCATTATTGAGATCTGTATACCCCCACCCCATATTTATTATTCACTTGCTTTTGTAGTGT
 TTTCTGATACTCTCTCTCTGTCTCTCTCTCTCTCTCTCTCTATATATATATATATATATATATC
 TCAGGTTTTTTTTTCCAAAGAGTAAAGGGATGCACGGCCACTACCACTAAGGCTTTGAGTTTGTGTGGAT
 CCTTGAGAGCTAAGTTCAGGTGACCTTGTCCCCTGCCTGGTTTTGGTTTTGTTTCATTTTTGTTTTTA
 GTCTTTTTTTTTCTACAGTGGCAGGTAAGTGGCCACTAAATCTCAAAAAAAAAAAAAA

Restriction Sites: EcoRI-NotI

ACCN: BC019185

Insert Size: 1878 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: [BC019185](#), [AAH19185](#)

RefSeq Size: 2441 bp

RefSeq ORF: 1878 bp

Locus ID: 21934

Cytogenetics: 1 E2.1

Gene Summary: Receptor for TNFSF11/RANKL/TRANCE/OPGL; essential for RANKL-mediated osteoclastogenesis. Involved in the regulation of interactions between T-cells and dendritic cells.[UniProtKB/Swiss-Prot Function]