

Product datasheet for RN211558

Tnfsf11 (NM_057149) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tnfsf11 (NM_057149) Rat Untagged Clone
Tag: Tag Free
Symbol: Tnfsf11
Synonyms: RANKL
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN211558 representing NM_057149
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGCCGGGCCAACCGAGACTACGGCAAGTACCTGCGCGGCTCGGAGGAGATGGGCAGTTGCCCTGGCG
 TCCCACACGAGGGTCCGCTGCATCCCGCGCCTCAGCACCGGCTCCAGCGCCGCCCCCGCCGCTCCCG
 CTTTCATGTTCTGCGGCTCCTGGGGCTGGGACTGGGTGAGTGGTCTGCAGCATCGCTCTGTTCTGTAC
 TTTCGAGCGCAGATGGATCCTAACAGAATATCAGAAGACAGCACGCGCTGTTCTACAGAATTCTGAGAC
 TCCGTGAAAATACAGTTTGCAGGACTCGACTCTGGAGAGCGAAGACACAGAAGCACTACCTGACTCATG
 CAGGAGAATGAAACAAGCCTTTCAAGGGGCCGTGCAAAGGGAATTACAACACATTGTGGGGCCACAGCGC
 TTCTCAGGAGTCCAGCTATGATGGAAGGTTCTGTGGCTCGATGTGGCCCGCGGGGCAAGCCTGAGGCTC
 AGCCGTTTGCTCACCTCACCATCAATGCTGCCGACATCCCATCGGGTCCCATAAAGTCAGTCTGTCCTC
 TTGGTACCATGATCGAGGCTGGGCCAAGATCTCTAACATGACGTTAAGCAACGGAAAACCTAAGGGTTAAC
 CAAGATGGCTTCTATTACCTGTACGCCAACATTTGCTTCAGGCATCATGAAACCTCAGGGAGCGTACCTG
 CGGACTATCTTCAGCTGATGGTATATGTCGTTAAAACCAGCATCAAATCCCAAGTTCGCATAACCTGAT
 GAAAGGGGGAGCACTAAGAAGTGGTCAAGGAATTCTGAATTCACCTTTTATTCCATAAACGTTGGAGGA
 TTTTTCAAGCTCCGGGCTGGTGAGGAAATTAGCGTCCAGGTGTCACACCTTCCCTGTTGGATCCGGATC
 AAGATGCGACGTACTTTGGGGCTTTCAAAGTTCAGACATAGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_057149
Insert Size: 957 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:	<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_057149.1 , NP_476490.1
RefSeq Size:	957 bp
RefSeq ORF:	957 bp
Locus ID:	117516
UniProt ID:	Q9ESE2
Cytogenetics:	15q11
Gene Summary:	induces osteoclast formation and bone resorption; plays a role in regulation of calcium homeostasis and osteoclast function [RGD, Feb 2006]