

Product datasheet for **SC213451**

RANK (TNFRSF11A) (NM_003839) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RANK (TNFRSF11A) (NM_003839) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TNFRSF11A
Synonyms:	CD265; FEO; LOH18CR1; ODFR; OFE; OPTB7; OST5; PDB2; RANK; TRANCE-R; TRANCER
ACCN:	NM_003839
Insert Size:	2000 bp



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Insert Sequence: >SC213451 3'UTR clone of NM_003839
 The sequence shown below is from the reference sequence of NM_003839. 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
GTGCAGGAGCAAGGCGGGCCAAGGCTTGAGCGCCCCCATGGCTGGGAGCCCAAGCTCGGAGCCAGG
GCTCGCGAGGGCAGCACCGCAGCCTCTGCCCCAGCCCCGCCACCCAGGGATCGATCGGTACAGTCGAG
GAAGACCACCCGGCATTCTCTGCCCACTTTGCCTTCCAGGAAATGGGCTTTTCAGGAAGTGAATTGATG
AGGACTGTCCCATGCCACGGATGCTCAGCAGCCCGCCGCACTGGGGCAGATGTCTCCCTGCCACTC
CTCAAACCGCAGCAGTAATTTGTGGCACTATGACAGCTATTTTTATGACTATCCTGTTCTGTGGGGG
GGGGTCTGTTTTCCCCCATATTTGTATTCTTTTCATAACTTTTCTTGATATCTTTCCTCCCTCTTT
TTTTATGTAAGGTTTTCTCAAAAATTCTCCTAAAGGTGAGGGTCTCTTTCTTTTCTTTTTCTTTTT
TTTTCTTTTTTTGGCAACCTGGCTCTGGCCAGGCTAGAGTGCAGTGGTGCATTATAGCCCGGTGCA
GCCTCTAACTCCTGGGCTCAAGCAATCCAAGTGATCCTCCACCTCAACCTTCGGAGTAGCTGGGATCA
CAGCTGCAGGCCACGCCAGCTTCTCCCCCGACTCCCCCCCCAGAGACACGGTCCCACCATGTTACC
CAGCCTGGTCTCAAACTCCCCAGCTAAAGCAGTCTCCAGCCTCGGCCTCCCAAAGTACTGGGATTACA
GGCGTGAGCCCCACGCTGGCCTGCTTTACGTATTTTCTTTTGTGCCCTGCTCAGAGTGTTTAGAGA
TGGCTTTCCAGTGTGTGTTTATTGTAACACTTTTGGGAAAGGGCTAAACATGTGAGGCCTGGAGATA
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GCAGAATAAGCTCAGTATGTGACCTTACCCGCTAGGTGGTTAATTTATCCATGCTGGCAGAGGCACTC
AGGTACTTGGTAAGCAAATTTCTAAAACCTCAAGTTGCTGCAGCTTGGCATTCTTCTTATTCTAGAGGT
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AGGAAGAATAAAGTTGAAATTTTAAATTTGCATTTTTTTTGTCTAGATAAGAATAGCGTGAATAGATCCT
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TCTCTTGGCATCATCCCCTTGTGAGAAGCCTAGAGGACGCTCCAGGTGGAAGGAAATCCCCTGGGTGG
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TGCTGGGGTGGTAGCGGTGCGATTAGGATTTTCAAGTGGAGAAGCACAGGACAGTTCTGTAATTTATGGGA
CTCCTTAGCCAACATAAAGAAGTGCAGGAAATAACTGCACAGCCAGGAGGATCCGTTGGTGGGAATTTA
CCGTCAATCCTGCCCTTTTATTTAACATCATCCACAGAGAGATGTTATACAAATGGAGGAAACCATTAT
ACCTTTTGATATGGAATATATTACAGAGTTACAGTTTACAAAAGTAGAATGCTGAGCTGAAAACCCGAG
ACGCGT AAGCGGCCCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-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).

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_003839.4](#)

Summary: The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptors can interact with various TRAF family proteins, through which this receptor induces the activation of NF-kappa B and MAPK8/JNK. This receptor and its ligand are important regulators of the interaction between T cells and dendritic cells. This receptor is also an essential mediator for osteoclast and lymph node development. Mutations at this locus have been associated with familial expansile osteolysis, autosomal recessive osteopetrosis, and Paget disease of bone. Alternatively spliced transcript variants have been described for this locus. [provided by RefSeq, Aug 2012]

Locus ID: 8792

MW: 72.8