

Product datasheet for **RN204982**

Rnft2 (NM_001107144) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rnft2 (NM_001107144) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rnft2
Synonyms:	RGD1560195; Tmem118
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN204982 representing NM_001107144
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGTGGCTCCTTGACGCGCACCAGGTGCTAAGGAAAATGCAGAGACGCCACAGTAGCAACACGGACAACA
 TTCCACCTGAAAGAAGTCGCAGCCAGGCGCTCAGCCCTGAGGCCAGTGTGGATGAAGGTGGTGTATTGA
 GAGCCTGAAGGCAGAGCCGGCCTCCCCCTACGCTCTTCTCAGGCCGTGGCAGGTGGCCTTCCTGCCAGT
 CCCTTCCAGCAGGCTGGTGTGGGCTCCACAGCCGGTGGCGGGGATGTCTTCATCCCTATGCCGGCCA
 CCAGGGATGAGGCCGGTGGCCGAGCACCAGGAAGCACCTACCACCACCGCCAGGCCCATCACCATT
 CCACCACGGTGCCACCGCGGGGCTCCCTGCTGCAGCACGTGGGAGGGGACCACCGGGACACTCGGAG
 GAAGGGGTCGACGAGCAGCCGGAATCCGGCACCCGCTCTGTCTGAGCTGAAGGCTGTGATCTGCTGGC
 TTCAGAAAGGACTGCCCTTATCCTCATCTGCTGGCCAACTGTGTTCCAGCACAAGCTGGGCATTGC
 TGTGTGCATCGAATGGCCAGCACCTTCGCCTATGCAAACTCCGCCCTCCGGGAGCAGGTGTCTTGAAG
 GAGAAGAGATCAGTTCTGGTCATCTTGTGGATTCTGGCCTTCTGGCAGGGAACACACTGTATGTTCTTT
 ATACCTTCAGCTCCCAGCAGCTCTACAGCAGCCTCATATTCTGAAGCCCAACCTGGAGACGCTGGACTT
 TTTTGACCTGCTGTGGATTGTGGGGATCGCTGACTTTGTGCTGAAGTACATCACCATCGCCCTCAAGTGC
 CTCATCGTGGCCCTGCCAAGATCATCTGGCCGTCAAGTCCAAGGGAAGTTTTATCTGGTCATCGAGG
 AGCTGAGCCAGCTGTTCAAGTCGCTTGTCCCCATCCAGCTGTGGTACAAGTACATCATGGGGACGACTC
 CTCCGACAGCTACTTCTAGGAGGGTCTGATCATCTCTACAGTCTCTGCAAGTCGTTTCGACATCTGC
 GGTGCGTGGGCGGACTCAGGAAAGCACTGAAGCTCCTTGCACCTCCAGAATTACGGGGTCAGAGCCA
 CAGGGCAGCAGTGCACGAGGCTGGCGCGCTCTGCCCATCTGCCAGGCTGAGTCCGAGACCCCATGAT
 TCTCCTGTGCCAGCACGTGTTCTGTGAAGAGTGCCCTCTGCCTATGGCTGGACAGGAGCGCACCTGCCCG
 CTCTGCCGCTCCGTTGCCGTGGATACCCTGCGTTGCTGGAAGGATGGGGCCACGTCTGCACACTGCAGG
 TGTACTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107144

Insert Size: 1338 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: NM_001107144.1, NP_001100614.1
RefSeq Size: 4187 bp
RefSeq ORF: 1338 bp
Locus ID: 304521
Cytogenetics: 12q16