

Product datasheet for **RN206886**

Rngtt (NM_001107923) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rngtt (NM_001107923) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rngtt
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206886 representing NM_001107923
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTACAACAAGATCCCGCCTCGTGGCTGAACTGTCCGAGGCGGCCAGCCGGTGGCAGGAAGAT
 TCTTACCTCTAAAGACAATGCTGGGCAAGATATGATAGTCAAGTTGCTGAAGAAAACCGTTCCATCC
 CAGTATGCTCTCAAATTATCTAAAGAGTCTGAAGGTTAAATGAGCTTGTGGTGGATCTGACAAACT
 TCAAGGTTCTATGACAGAAATGACATAGAAAAGAAGGAATCAAGTATATCAAACCTCAGTGAAAGGAC
 ATGGTGAGTGCCCACTACTGAGAACACGGAAACATTCATTGCGCTGTGTGAGAGGTTTAAATGAAAGAA
 CCCACCTGAGCTTATAGGTGTTCACTGCACCCATGGCTTCAACCGCACTGGTTTCCTTATATGTGCSTT
 TTGGTGGAAAAATGGATTGGAGCATTGAAGCAGCAGTTGCTACTTTTGGCCAGCCAGACCACCAGGAA
 TCTATAAGGGTGATTATTTGAAGGAACTTTTTCGTCGCTATGGAGATATAGAAGAAGCACCACCACC
 TGTATTGCCAGATTGGTGTGTTGAAGATGATGATGAAGAAGACGAGGATGAGGATGGAAAAAGGACTCA
 GAACCAGGGTCCAGTGCTTCCCTTTGGGAAAAGGAGAAAAGAGCGCTTAAACTGGGAGCTATTTTCTTGG
 AAGGAATAACTGTTAAAGGAGTAACTCAAGTAACAACCTCAACCGAAGTTAGGAGAGGTACAGCAGAAGTG
 CCATCAGTTCTGTGGCTGGGAAGGGTCTGGGTTCCCTGGAGCACAGCCTGTCTCCATGGACAAGCAAAAT
 ATTAGACTTTTAGAGCAGAAGCCATATAAAGTAAGCTGGAAGCAGACGGTACTCGTTACATGATGTTGA
 TTGATGGCACAATGAAGTTTTATGATTGACAGAGATAATTCCGTTTTTTCATGTTTCAAATCTGGAATT
 TCCATTTTCGTAAGATCTCCGCATGCATTTATCAAATACTCTTTTGGATGGGAAATGATCATCGATAAA
 GTAATGGACAGGCCGTTCCAAGATATTTGATATATGACATAATTAAGTCAATGCACAACCAGTTGGAG
 AATGTGATTTTAAATATTCGTCTACAGTGTATTGAACGTGAAATTATAAGTCCACGACATGAAAAATGAA
 GACTGGGCTCATTGACAAAACACAAGAACCATTTAGTGTGACACCTAAACAATTTTTTGACATCAATATT
 TCAAGAAAGCTTCTGGAAGGAAATTTTGCAAAAGAAGTCAGCCATGAAATGGATGGACTTATTTTTCAGC
 CGATTGGAAAATACAAACCTGGTCGATGTGATGACATTTTGAATGGAAACCTCCAGCCTAAATTTCTGT
 GGACTTTCGACTTAAGATAACAAGAATGGGAGGAGAAGGGTTGCTGCCACAGAATGTTGGCCTTCTCTAT
 GTTGGAGGTTATGAAAGACCTTTGCACAAATCAAGGTGACAAAAGAAGTAAAACAGTACGACAACAAAA
 TTATAGAATGCAAATTTGAGAACAACAGCTGGGTCTTCATGAGACAGAGAATAGACAAAAGTTTCCCAA
 TGCCCTACAACACAGCCATGGCCGTGTGCAATAGTATCTCAAACCTGTCACCAAGGAGATGCTGTTCCGAG
 TTCATTGACAGATGTGCAGCGGCTGCTCAGGGACAGAAGCGAAAGTATCCCATGGACCCTGACTCAGAGC
 TCATGCCACCCACCAGCCAAACGACTGCACCGCCAACCT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001107923

Insert Size: 1794 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_001107923.2](#), [NP_001101393.1](#)

RefSeq Size: 4139 bp

RefSeq ORF: 1794 bp

Locus ID: 313131

Cytogenetics: 5q21