

Product datasheet for **RN216783**

Rnh1 (NM_001270762) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rnh1 (NM_001270762) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rnh1
Synonyms:	Rnh
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216783 representing NM_001270762
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTTGGGGCTCCCGTCTGCCTTTGAGAGTCTTTTTCGGGTCCCTTCCTGGCCTTCTTAATACGTGGC
 AGAGCGTCTGGACCAGAAGACTACACTGTGCACCACCATGAGTCTTGACATCCAGTGTGAGCAGCTGAG
 TGATGCCCGGTGGACAGAGCTCCTTCCCCTGATCCAACAATACCAAGTGGTCAGGCTGGATGACTGTGGC
 CTCACTGAAGTGCAGTCAAAGACATCAGGTGAGCGATCCAGGCCAACCTGCCCTGACAGAGCTCAGCC
 TACGCACCAATGAACTGGGTGATGCTGGTGTGGGTCTGGTCTCCAGGGCCTGCAGAATCCCACTTGTA
 GATCCAGAAGCTGAGCCTCAGAAGTGCAGCTTGACGGAAGCTGGCTGTGGGGTCTGCCTGATGTGCTG
 CGCTCTTTGTCTACCCTGCGTGAACATCTCAATGACAACCTCTGGGGATGAAGGCCTGAAGCTGC
 TCTGTGAAGGACTCCGGGACCCAGTCCGCTTTGAGAAGCTTCAGTTGAATACTGTAACCTCACAGC
 TACCAGCTGCGAGCCCTGGCCTCAGTCTCAGGGTGAACCTGACTTTAAAGAGCTAGTATTGAGCAAC
 AATGACTTCCATGAGGCTGGTATCCACACTCTGTGCCAGGGCCTGAAGGATTCGCCTGTCAACTGGAGT
 CACTCAAAGTGGAGAAGTGGTATCACATCAGCCAAGTCAAGGATCTGTGTGATGTTGTGGCCTCCAA
 AGCCTCACTGCAAGAAGTGGACTTGGGCAGCAACAAGTGGGCAACACAGGCATTGCAGCACTGTGCTCA
 GGACTGTGCTTCCCAGCTGCAGGCTGAGGACTCTGTGGCTCTGGGACTGTGATGTCAGTGCAGAAGGCT
 GCAAGGACCTGTGCCGTGCTCAGAGCCAAGCAGAGCCTGAAGGAACTCAGCCTAGCTGGCAATGAGCT
 GAAGGATGAGGGTGCCTCACTGTGTGAGAGCCTGTAGAGCCTGGCTGTCAGCTGGAGTCACTGTGG
 GTAAAGACCTGTAGCCTCACAGTGCCTTTGTCCCCTCTGCTCGGTGTTGACCAAAAATCGTTCTC
 TTTTTGAGCTGCAAATGAGCAGCAACCCGCTGGGAGACTCGGGAGTCTGGGAGCTTTGCAAGGCCCTGGG
 CTATCCGGACACAGTGTGCTGTGCTTTGGCTGGGAGACTGTGATGTGACAGACAGTGGCTGCAGCAGC
 CTTGCCACTGTCTGCTGGCCAACCGCAGCTTGAGGGAAGTGGACCTCAGTAACAAGTGCATGGGGGACA
 CCGGTGTCTACAAGTGTGGAGAGCCTCAAACAGCCAGCTGCGCCCTCAGCAGCTTGTCTGTATGA
 CATTACTGGACGGATGAGGTGGAAGACCAGCTTCGGGCCCTGGAGGAGGAAAGGCCATCCCTGAGGATC
 ATTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001270762
- Insert Size:** 1479 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001270762.1](#), [NP_001257691.1](#)

RefSeq Size: 1673 bp

RefSeq ORF: 1479 bp

Locus ID: 100360501

UniProt ID: [P29315](#)

Cytogenetics: 1q41

Gene Summary: ribonuclease inhibitor [RGD, Feb 2006]

Transcript Variant: This variant (1) encodes the longer isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.