

## Product datasheet for **RN215630**

### **Rnh1 (NM\_139105) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rnh1 (NM_139105) 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:** >RN215630 representing NM\_139105  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGTCTTGACATCCAGTGTGAGCAGCTGAGTGTGCCCGTGGACAGAGCTCCTTCCCCTGATCCAAC  
 AATACCAAGTGGTCAGGCTGGATGACTGTGCCCTCACTGAAGTGCGGTGCAAAGACATCAGGTCAGCGAT  
 CCAGGCCAACCCCTGCCCTGACAGAGCTCAGCCTACGCACCAATGAACTGGGTGATGCTGGTGTGGGTCTG  
 GTGCTCCAGGGCCTGCAGAATCCCACTTGAAGATCCAGAAGCTGAGCCTTCAGAACTGCAGCTTACGCG  
 AAGCTGGCTGTGGGGTCTGCCTGATGTGCTGCGCTCTTTGTCTACCCTGCGTGAACCTACATCTCAATGA  
 CAACCCTCTGGGGGATGAAGGCCTGAAGCTGCTCTGTGAAGGACTCCGGGACCCCAAGTCCGCTCTTGAG  
 AAGCTTCAGTTGGAATACTGTAACCTCACAGCTACCAGCTGCGAGCCCTGGCCTCAGTGTCTCAGGGTGA  
 AACCTGACTTTAAAGAGTAGTATTGAGCAACAATGACTTCCATGAGGCTGGTATCCACACTCTGTGCCA  
 GGGCCTGAAGGATTCTGCCTGTCAACTGGAGTCACTCAAAGTGGAGAAGTGGTATCACATCAGCCAAC  
 TGAAGGATCTGTGTGATGTTGTGGCCTCAAAGCCTCACTGCAAGAAGTGGACTTGGGCAGCAACAAGC  
 TGGCAACACAGGCATTGCAGCACTGTGCTCAGGACTGTGCTTCCCAGCTGCAGGCTGAGGACTCTGTG  
 GCTCTGGGACTGTGATGTCACTGCAAGAAGGCTGCAAGGACCTGTGCCGTGTCTCAGAGCCAAGCAGAGC  
 CTGAAGGAACTCAGCCTAGTGGCAATGAGCTGAAGGATGAGGGTGCCCAACTGTGTGTGAGAGCCTGT  
 TAGAGCCTGGCTGTGAGTGGAGTCACTGTGGGTAAAGACCTGTAGCCTCACAGCTGCCTTTGTCCCA  
 CTTCTGCTCGGTGTTGACAAAAATCGTTCTCTGTTTGTGCTGCAAAATGAGCAGCAACCCGCTGGGAGAC  
 TCGGGAGTCGTGGAGCTTTGCAAGGCCCTGGGCTATCCGGACACAGTGTGCGTGTGCTTTGGCTGGGAG  
 ACTGTGATGTGACAGACAGTGGCTGCAGCAGCCTTGCCACTGTCTGCTGGCCAACCCGCTTGAAGGGA  
 ACTGGACCTCAGTAACAAGTGCATGGGGGACACCGGTGTCTACAAGTGTGGAGAGCCTCAAACAGCCC  
 AGCTGCGCCCTTCAAGCAGCTTGTCTGTATGACATTTACTGGACGGATGAGGTGGAAGACCAGCTTCGGG  
 CCCTGGAGGAGGAAAGGCCATCCCTGAGGATCATTTC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_139105

**Insert Size:** 1371 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\\_139105.3](#), [NP\\_620805.2](#)

RefSeq Size: 1688 bp

RefSeq ORF: 1371 bp

Locus ID: 100360501

UniProt ID: [P29315](#)

Cytogenetics: 1q41

Gene Summary: ribonuclease inhibitor [RGD, Feb 2006]

Transcript Variant: This variant (2) has an alternate exon in place of the first exon compared to variant 1. The resulting isoform (b) is shorter at the N-terminus compared to isoform a.

Variants 2 and 3 both encode the same isoform (b). 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.