

Product datasheet for **RR216708**

Rnh1 (NM_001270763) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rnh1 (NM_001270763) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rnh1
Synonyms:	Rnh
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR216708 representing NM_001270763
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTCTTGACATCCAGTGTGAGCAGCTGAGTGTGCCCGTGGACAGAGCTCCTTCCCCTGATCCAAC
 AATACCAAGTGGTCAGGCTGGATGACTGTGGCCTCACTGAAGTGGGTGCAAAGACATCAGGTCAGCGAT
 CCAGGCCAACCTGCCCTGACAGAGCTCAGCCTACGCACCAATGAACTGGGTGATGCTGGTGTGGGTCTG
 GTGCTCCAGGGCCTGCAGAAATCCCACTTGAAGATCCAGAAGCTGAGCCTTCAAGACTGCAGCTTACGG
 AAGCTGGCTGTGGGGTCTGCCTGATGTGCTGCGCTCTTGTCTACCCTGCGTGAACACATCTCAATGA
 CAACCCTCTGGGGATGAAGGCCTGAAGCTGCTCTGTGAAGGACTCCGGGACCCCACTGCCGTCTTGAG
 AAGCTTCAGTTGGAATACTGTAACCTCACAGCTACCAGCTGCGAGCCCTGGCCTCAGTGTCTCAGGGTGA
 AACCTGACTTTAAAGAGCTAGTATTGAGCAACAATGACTTCCATGAGGCTGGTATCCACACTCTGTGCCA
 GGGCCTGAAGGATTCTGCCTGTCAACTGGAGTCACTCAAAGTGGAGAAGTGGTATCACATCAGCCAAC
 TGAAGGATCTGTGTGATGTTGTGGCCTCAAAGCCTCACTGCAAGAAGTGGACTTGGGCAGCAACAAGC
 TGGCAACACAGGCATTGCAGCACTGTGCTCAGGACTGTGCTTCCCAGCTGCAGGCTGAGGACTCTGTG
 GCTCTGGGACTGTGATGCTCACTGCAAGAAGGCTGCAAGGACCTGTGCCGTGTCTCAGAGCCAAGCAGAGC
 CTGAAGGAACTCAGCCTAGCTGGCAATGAGCTGAAGGATGAGGGTGCCCAACTGCTGTGTGAGAGCCTGT
 TAGAGCCTGGCTGTGAGTGGAGTCACTGTGGGTAAAGACCTGTAGCCTCACAGCTGCCTCTTGTCCCA
 CTTCTGCTCGGTGTTGACCAAAAATCGTTCTCTGTTTGTGCTGCAAAATGAGCAGCAACCCGCTGGGAGAC
 TCGGGAGTCGTGGAGCTTTGCAAGGCCCTGGGCTATCCGGACACAGTGTGCGTGTGCTTGGCTGGGAG
 ACTGTGATGTGACAGACAGTGGCTGCAGCAGCCTTGCCACTGCTCTGCTGGCCAACCCGAGCTTGGGGGA
 ACTGGACCTCAGTAACTGCACTGGGGGACACCGGTGTCTACAAGTGTGGAGAGCCTCAAACAGCCC
 AGCTGCGCCCTTCAAGCAGCTTGTCTGTATGACATTTACTGGACGGATGAGGTGGAAGACCAGCTTCGGG
 CCCTGGAGGAGGAAAGGCCATCCCTGAGGATCATTTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR216708 representing NM_001270763
 Red=Cloning site Green=Tags(s)

MSLDIQEQQLSDARWTELLPLIQYQVVRLDDCGLTEVRCCKDIRSAIQANPALTELSLRTNELGDAGVGL
 VLQGLQNPTCKIQKLSLQNSL TEAGCGVLPDVLRSLSLRELHLNDNPLGDEGLKLLCEGLRDPQCRL
 KLQLEYCNLTATSCEPLASVLRVKPDFKELVLSNDFHEAGIHTLCQGLKDSACQLESKLENCGITSAN
 CKDLCDVVASKASLQELDLGSNKLGNLGIALCSGLLLPSCRLRTLWLWDCDVTAECKDLCRVLRKQS
 LKELSLAGNELKDEGAQLLCESLLEPGCQLESVWKTCSLTAASCPHFCSVLTKNRSLFELQMSSNPLGD
 SGVVELCKALGYPDVLRLVWLGDVDVDSGCSSLATVLLANRSLRELDLNNCMGDTGVLQLESKQP
 SCALQQLVLYDIYWTDEVEDQLRALEERPSLRIS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

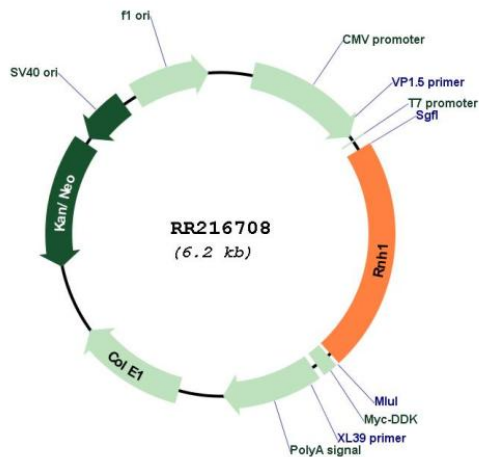
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001270763

ORF Size: 1368 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001270763.1](#), [NP_001257692.1](#)

RefSeq Size: 1679 bp

RefSeq ORF: 1371 bp

Locus ID: 100360501

UniProt ID: [P29315](#)

Cytogenetics: 1q41

MW: 49.9 kDa

Gene Summary: ribonuclease inhibitor [RGD, Feb 2006]