

Product datasheet for **RN210682**

Rhag (NM_023022) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rhag (NM_023022) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rhag
Synonyms:	Rh50
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN210682 representing NM_023022
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGTTCAAATCTCTCATAGCCTTAAGCCTGGAAGTTGTTATGATTGTTTCATTGTCATTATTTG
 TTGAATATGAGACATCCCAGAATGGTCCAGAAAGAGTGCTTCCAGCAGAATGCTTCCAGCAGAATGC
 TGCTGCCAGCAGAATGCGTCCCAACAGGGGAATGCCTCAAGTCCAGCAAAGAGGACCAATTTTTTCAG
 TTGTATCCTTTATTCCAACATGTGCATGTCATGATATTTGTTGGGTTTGGCTTCCCTCATGACCTTCTGA
 AGAAATATGGTTTCAGTGGTGTAGGTTTTAACCTCTTCTTGGCTGCTCTGGGTCTCCAATGGGGTACGAT
 TGTACAGGGCCTTCTTACAGCCACGGACTAAAATTTCCCTTTCAGAAATCAAAAATATGATAAACGCAGAC
 TTCAGTACAGCCACAGTCTAATTTCTTTGGTGTCTCTGGGAAAACAAGCCCCATCCAATGATAA
 TCATGACAATTCTGAAAATTGCTGATTTGCTGGCAATGAACATCTGGTACTGAAATATTTAAGGCCTC
 TGACACTGGGGCGTCAATGACAATCCATGCCTTTGGAGCCTACTTTGGCTTAGCGGTAGCAGGCGTCTTA
 TACCGGTCTGGCCTCAAACATGGACACCCAAATGAAGAATCTGTGTACCACTCTGACTTGTTTGCAATGA
 TCGGAACACTTTTCTGTGGATGTTTTGGCCAGCTTTAATTCAGCCATTGCTCAACCTGAAAATATCA
 GTATAGGGCCATTGTCAACACATACATGTCCCTTGTGCTGTGTGATCACAGCCTATGCCTTGTCCAGC
 CTTGTTGAGCGCCGAGGCAGGCTGGATATGGTACACATTCAGAATGCTACTCTAGCAGGAGGTGGCTG
 TGGGCACATGTGCAGACATGAAATCCCCTATATTTGCTATGACCATTGGAAGCATTGCAGGGATCAT
 CTCAGTGTGGTACAGGTTCCCTTAGTCCACTTTAGCTCATAAACTGATGATACAGATACATGTGGG
 GTTCATAACTTGCACGGCTTACCGGTGTGTTGGAGGCCTTCCAGCATTGTGGCCATAAGCTGGGGGA
 AGTCTACAGTGTCCACTATGGCTATGCAGGCAACAGCACTGGGATCTTCCATTGGCTCAGCAATTTGTTGG
 AGGTTTGGTTACAGGCTCATTCTAAAGCTACCTGTCTGGAACCCAGCCACCTGACGAGTACTGCTTTGAT
 GATTCTGTTTCTGGAAGTTCCCAAATACAGAGAAGTGGATAATTACTTCTTTCACACGTGACTCACA
 ACCATGTGGAACACGAAGTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_023022
- Insert Size:** 1353 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_023022.2](#), [NP_075411.2](#)
RefSeq Size: 2160 bp
RefSeq ORF: 1353 bp
Locus ID: 65207
UniProt ID: [Q7TNK7](#)
Cytogenetics: 9q13
Gene Summary: glycoprotein predicted to be the result of a gene duplication of Rh blood group [RGD, Feb 2006]