

## Product datasheet for MC215801

### Rhag (NM\_011269) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rhag (NM_011269) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rhag
Synonyms:	CD241; Rh50; Rh50A
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC215801 representing NM_011269 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAGGTTCAAATTCCTCTCATGGCCATAAGCCTGGAAGTTGCTATGATTGTTTTATTTGGATTATTTG  
TTGAATATGAGACACCACAGAATGCTTCCAGAGAAGTCTCCACCAGAATGCTTCCAGCAGGGTAA  
CACCTCAAGTTCAGCAAAAAGGACCAATTTTTTCAGTTGTATCCCTTATCCAAGATGTGCATGTCATG  
ATATTTGTTGGGTTTGGCTTCTCATGACCTTTCTGAAGAAATATGGTTTCAGTGGTGTGGGTTTCAACC  
TCTTTCTTGCTGCTCTGGGCCTCCAATGGGGTACGATTATGCAGGGCCTTCTTACAGCCACGGAAAGGA  
ATTTCACTTCGGAATCTACAATATGATAAATGCAGACTTCAGCACAGCCACAGTTCTCATTTCTTTGGC  
GCTGTCCTGGGAAAACAAGCCCATCAATGTTGATCATGACAATTCTGGAAATTGCTGTATTTGCTG  
GCAACGAATATCTTGTTACTGAATTATTTGAGGCATCTGACACTGGAGCATCAATGACAATCCATGCCTT  
TGGAGCTTACTTTGGCTTAGCAGTGGCAGGTGTGTATATCGGCCTGGACTCAGATGTGAACACCCAAAT  
GATGAATCTGTGTACCCTCTGACTTGTTGCCATGATCGGAACACTTTTCTGTGGATATTTGGCCCA  
GCTTTAATTCAGCCATTGCTGATCCTGGAGATCATCAGTATAGGGCCATTGTCAACACATACATGTCCT  
TGCAGCCTGTGTGATCACAGCCTATGCCTGTCCAGCCTGTAGAGCGCCGAGGCAGGCTGGATATGGTA  
CACATTAGAATGCTACTCTAGCAGGAGGTGTTGCTGTGGGCACATGTGCAGACATGGAAATCCCCCTAT  
ATGCTGCTATGACCATTGGAAGCATTGCAGGGATCATCTCTGTGCTTGGATACAAGTTCTTTAGTCCACT  
GTTAGCTAATAAACTGATGATCCATGATACATGTGGGTTTATAAATTGCATGGCTTACCTGGAGTTTTT  
GGAGGCCCTTCCAGCATTGTGGCCATAAGCTGGGGATGTCTACTGCGTCTATGGCTATGCAGGCAGCAG  
CACTGGGATCTTCCATTGGCTCAGCATTGTTGGAGGTTGCTTACAGGTCTAATTCTGAAGTTGCCTAT  
CTGGAACCGCCACCTGATGAATACTGCTATGACTCTGTTTCTTGAAGGTTCCCAAATTCAGAGAA  
CTTGATAATCGCTTCTTTCAACATGCAAATCACAACCAGTGAACATGAAGTCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_011269
<b>Insert Size:</b>	1317 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_011269.2</a> , <a href="#">NP_035399.1</a>
<b>RefSeq Size:</b>	2316 bp
<b>RefSeq ORF:</b>	1317 bp
<b>Locus ID:</b>	19743
<b>UniProt ID:</b>	<a href="#">Q9QUT0</a>
<b>Cytogenetics:</b>	17 19.54 cM
<b>Gene Summary:</b>	May be part of an oligomeric complex which is likely to have a transport or channel function in the erythrocyte membrane. Involved in ammonia transport across the erythrocyte membrane. Seems to act in monovalent cation transport.[UniProtKB/Swiss-Prot Function]