

## Product datasheet for RN213370

### Hrh2 (NM\_012965) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hrh2 (NM_012965) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hrh2
Synonyms:	H2R
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN213370 representing NM_012965 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGAGCCCAATGGCACAGTTCATTCTGCTGCTTGGACTCTATGGCATTGAAAGTCACCATCAGTGTGG  
TCCTTACCAGCTCATCCTCATCACCATTGCTGGCAATGTGGTCGCTGCCTGGCTGTCAGCTTGAACCG  
TCGGCTCCGAGTCTGACCAATTGCTTTCATTGTGTCCCTGGCAGCCACTGACCTGCTTCTTGGACTCCTG  
GTGCTGCCCTTCTCTGCCATTTACCAGCTGTCTTCACGTGGAGTTTTGGCCACGCTTCTTCAACATCT  
ACACCAGCTTGGATGTGATGCTCTGCACGGCCTCCATCCTCAACCTTTCATGATCAGCTTGGACCGCTA  
CTGCGCTGTACGGACCCACTGCGGTACCTGTGCTGGTCACCCAGTTCGAGTTGCCATCTCTTTGGTC  
TTTATTTGGGTTATTTCTATCACCTATCCTTCTCTCTATTACCTAGGATGGAACAGCAGAAATGGGA  
CCAGAGGGGGCAATGACACCTTCAAGTGCAAAGTCCAGGTCAATGAGGTGTACGGACTGGTGGATGGGCT  
GGTCACCTTCTACCTGCCTTCTCATCATGTGTGCTCACTTACTACAGAATCTTTAAGATTGCCAGGGAG  
CAGGCCAAACGGATCAACCACATCAGCTCCTGGAAGGCAGCCACCATCAGAGAGCACAAGCCACCGTGA  
CACTGGCAGCCGTCATGGGAGCGTTCATCATCTGCTGGTTTCTTACTTCACTGCATTCGTTTACCGTGG  
GCTGAGAGGGGATGATGCCATCAATGAGGCGGTGAGGGCATTGCTATGGTTGGGCTATGCCAATTCA  
GCCCTGAACCCATCCTGTACGCTGCTCTCAACAGAGACTTCCGCACGGCGTACCAACAGCTCTTCCACT  
GCAAGTTCGAAAGCCACAACCTCTCAAAAACCTCCCTGAGGTTGAACAACTCTCTGCTGCCAGGAGCCA  
GAGCCGAGAAGGTAGATGGCAGGAGGAGAAGCCCTTGAAGCTCCAAGTGTGGAGTGGGACAGAACTCACA  
CACCCCGAGGAAACCAATCAGT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_012965



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<b>Insert Size:</b>	1077 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>	<u><a href="#">NM_012965.3</a></u> , <u><a href="#">NP_037097.3</a></u>
<b>RefSeq Size:</b>	1077 bp
<b>RefSeq ORF:</b>	1077 bp
<b>Locus ID:</b>	25461
<b>UniProt ID:</b>	<u><a href="#">P25102</a></u>
<b>Cytogenetics:</b>	17p14
<b>Gene Summary:</b>	G-protein coupled receptor for histamine [RGD, Feb 2006]