

## Product datasheet for RN201811

### Hrh4 (NM\_131909) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Hrh4 (NM\_131909) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Hrh4  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN201811 representing NM\_131909  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGGATCGCC

ATGTCGGAGTCTAACGGCACTGACGTCTTGCCACTGACTGCTCAAGTCCCCTTGGCATTTTAATGTCCC  
 TGCTTGTCTTTGCTATAACGATAGGCAATGCTGTGGTCATTTAGCCTTTGTAGCAGACAGAAACCTTAG  
 ACATCGAAGTAATTATTTTTTCTAATTTGGCTATTTCTGACTTCTTCGTGGGTGTCATCTCCATTCCCT  
 CTGTACATCCCTCACACGCTGTTAACTGGAATTTTGAAGTGAATCTGCATGTTTTGGCTCATTACTG  
 ACTATCTTTTGTGCACAGCATCCGTCTACAGTATTGTCCTCATTAGCTACGATCGATACCCAGTCAGTTTC  
 AAACGCTGTGCGTTATAGAGCACAGCACACTGGCATCCTGAAAATTGTTGCTCAAATGGTGGCTGTTTGG  
 ATACTGGCTTTCTTGGTCAATGGCCCAATGATTCTGGCTTCGGATTCTTGAAGAACAGCACCAACACAG  
 AGGAGTGCAGCCTGGCTTTGTTACTGAGTGGTACATCCTCGCCATTACAGCATTCTTGAATTCCTGCT  
 CCCTGTCTCCTTGGTGGTCTATTTCAAGTGTACAGATTTACTGGAGCCTGTGAAGCGTGGGAGTCTCAGT  
 AGGTGCCCTAGCCACGCTGGATTCATCGCTACCTCTCCAGGGGCACTGGACACTCACGCAGAACTGGGT  
 TGGCTTGTAGGACAAGTCTTCTGGATTAAGGAACCAGCCGCATCCCTTCATTCAGAAAGTCCACGAGG  
 AAAGAGCAGTCTCCTGGTGTCTTAAGGACTCACATGAGCGGTAGTATCATCGCCTTCAAAGTGGGTTC  
 TTCTGCCGATCAGAAAGCCAGTCTTACCAGAGAGACGCTGGAGCTTCTCAGAGGCAGGAAGCTAG  
 CCAGGTCGCTAGCTGTCTCCTGAGTGTCTTTGCCATTTGCTGGGCTCCGTATTGCCTGTTCAAAATGT  
 TCTTTCAACTTATCGCAGAGGGGAGCGCCCAAATCGATTTGGTACAGCATAGCCTTTTGGCTACAGTGG  
 TTCAATCACTTATTAATCCCTTTCTATACCCTTTGTGCCACAGACGTTTCCAGAAGGCTTTCTGGAAGA  
 TACTCTGTGTGACAAAGCAACCAGCACCTTACAGACCCAGTCAGTATCTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_131909



[View online >](#)

<b>Insert Size:</b>	1176 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_131909.1</a></u> , <u><a href="#">NP_571984.1</a></u>
<b>RefSeq Size:</b>	1593 bp
<b>RefSeq ORF:</b>	1176 bp
<b>Locus ID:</b>	170704
<b>UniProt ID:</b>	<u><a href="#">Q91ZY1</a></u>
<b>Cytogenetics:</b>	18p13
<b>Gene Summary:</b>	binds histidine with a lower affinity than that of the human homolog [RGD, Feb 2006]