

## Product datasheet for **RN200917**

### Havcr1 (NM\_173149) Rat Untagged Clone

#### Product data:

|                           |                                                                                 |
|---------------------------|---------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                             |
| Product Name:             | Havcr1 (NM_173149) Rat Untagged Clone                                           |
| Tag:                      | Tag Free                                                                        |
| Symbol:                   | Havcr1                                                                          |
| Synonyms:                 | KIM-1; Kim1                                                                     |
| Mammalian Cell Selection: | Neomycin                                                                        |
| Vector:                   | pCMV6-Entry (PS100001)                                                          |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                                            |
| Fully Sequenced ORF:      | >RN200917 representing NM_173149<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**

ATGGTTCAACTTCAAGTCTTCATTTAGGCCTCCTGCTGCTTCTCCAGGCTCTGTAGATTCTTATGAAG  
TAGTGAAGGGGTGGTGGGTCAACCTGTCACAATTCATGTACTCAACACGTGGAGGAATCACAAC  
GACATGTTGGGGCCGGGGCAATGCCATATTCTAGTTGTCAAAATATACTTATTTGGACCAATGGATAC  
CAAGTCACCTATCGAGCAGCGGTCGATAACAATAAAGGGCGTATTTTCAAGGAGACGTATCCTTGA  
CAATAGAGAACTCTGTTGATAGTGATAGTGGTCTGTATTGTTGCCGAGTGGAGATTCTGGATGGTTCAA  
CGATCAGAAAATGACCTTTTCATTGGAAGTTAAACCAGAAATCCCAAGTCTCCAACAAGACCCACA  
ACTACAAGACCCACAACCACAAGGCCCACTATTTCAACAAGATCCACACATGTACCAACATCAACCA  
GAGTCTCCACCTCTACTCCAACACCAGAAACACAGACTCACAACCAGAAATCACTACATTTTATGTC  
CCATGAGACAACCTGCTGAGGTGACAGAACTCCATCATATACTCCTGCAGACTGGAATGGCACTGTGACA  
TCCTCAGAGGAGGCTGGAATAATCACTGTGAAGATCCCTTTGAGGAAGCCGAGAGAAACCCGACTA  
AGGGCTTCTATGTTGGCATGTCCGTTGCAGCCCTGCTGCTGCTGCTGCTGCGAGCACCGTGGTTGTCAC  
CAGGTACATCATTATAAGAAAGAAGATGGGCTCTCTGAGCTTTGTTGCCTTCCATGTCTTAAGAGTAGA  
GCTTTGCAGAACGCAGCGATTGTGCATCCCCGAGCTGAAGACAACATCTACATTATTGAAGATAGATCTC  
GAGGTGCAGAA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

|                    |           |
|--------------------|-----------|
| Restriction Sites: | SgfI-MluI |
| ACCN:              | NM_173149 |



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|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Insert Size:</b>           | 924 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_173149.2</a></u> , <u><a href="#">NP_775172.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq Size:</b>           | 2538 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 924 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Locus ID:</b>              | 286934                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID:</b>            | <u><a href="#">O54947</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 10q21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Gene Summary:</b>          | may be a member of the mucosal addressin cell adhesion molecule family; may be involved in restoration of the morphological integrity and function to postischemic kidney [RGD, Feb 2006]                                                                                                                                                                                                                                                                                                                               |