

## Product datasheet for **MC217963**

### Havcr1 (NM\_001166632) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Havcr1 (NM\_001166632) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Havcr1  
**Synonyms:** AI503787; KIM-1; TIM-1; Tim1; Timd1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC217963 representing NM\_001166632  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAATCAGATTCAGTCTTCATTTAGGCCTCATACTGCTTCTCCAGGCGCTGTGGATTCTTATGTGG  
AAGTAAAGGGGGTGGTGGTCACCTGTCACACTCCATGTACTACTCAACATATCGTGAATCACAAC  
GACATGTTGGGGCCGAGGCAATGCCATCTTCTGCTTGTCAAAATACACTTATTTGGACCAATGGACAT  
CGTGTCACCTATCAGAAGAGCAGTCGGTACAACCTAAAGGGGCATATTTTCAAGGAGATGTGTCCTTGA  
CGATAGAGAACTCTGTTGAGAGTGACAGTGGTCTGTATTGTTGTGCGAGTGGAGATTCCCTGGATGGTTTAA  
TGATCAGAAAGTGACCTTTTCATTGCAAGTTAAACCAGAGATTCCACACGTCCTCCAAGAAGACCCACA  
ACTACAAGGCCACAGCTACAGGAAGACCCACGACTATTTCAACAAGATCCACACATGTACCAACATCAA  
CCAGAGTCTCTACCTCCACTCCTCAACATCTACACACATGGACTCACAACCCAGACTGGAATGGCAC  
TGTGACATCCTCAGGAGATACCTGGAGTAATCACACTGAAGCAATCCCTCCAGGGAAGCCGCAGAAAAAC  
CCTACTAAGGGCTTCTATGTTGGCATCTGCATCGCAGCCCTGCTGCTACTGCTCCTTGTGAGCACCGTGG  
CTATCACCAGGTACATACTTATGAAAAGGAAGTCAGCATCTCTAAGCGTGGTTGCCTTCCGTGTCTCTAA  
GATTGAAGCTTTGCAGAACGCAGCGGTTGTGCATTTCCCGAGCTGAAGACAACATCTACATTGTTGAAGAT  
AGACCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001166632  
**Insert Size:** 849 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_001166632.1</a></u> , <u><a href="#">NP_001160104.1</a></u>
<b>RefSeq Size:</b>	1885 bp
<b>RefSeq ORF:</b>	849 bp
<b>Locus ID:</b>	171283
<b>UniProt ID:</b>	<u><a href="#">Q5QNS5</a></u>
<b>Cytogenetics:</b>	11 B1.1
<b>Gene Summary:</b>	<p>May play a role in T-helper cell development and the regulation of asthma and allergic diseases. Receptor for TIMD4. May play a role in kidney injury and repair (By similarity). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (b) has the same N- and C-termini but is shorter compared to isoform a. Variants 2 and 3 both encode the same isoform.</p>