

Product datasheet for **MG227390**

Havcr1 (NM_001166631) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Havcr1 (NM_001166631) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Havcr1
Synonyms: AI503787; KIM-1; TIM-1; Tim1; Timd1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG227390 representing NM_001166631
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAATCAGATTCAAGTCTTCATTTAGGCCTCATACTGCTTCTCCAGGCGCTGTGGATTCTTATGTGG
AAGTAAAGGGGGTGGTGGGTCACCCTGTCACACTTCCATGTACTACTCAACATATCGTGGAAATCACAAAC
GACATGTTGGGGCCGAGGGCAATGCCATCTTCTGCTTGTCAAATACACTTATTGGACCAATGGACAT
CGTGTCACCTATCAGAAGAGCAGTCGGTACAACCTAAAGGGGCATATTTTCAGAAGGAGATGTGTCCTTGA
CGATAGAGAACTCTGTTGAGAGTGACAGTGGTCTGTATTGTTGTCGAGTGGAGATTCTGGATGGTTTAA
TGATCAGAAAGTGACCTTTTCATTGCAAGTTAAACCAGAGATTCCACAGGTCCTCCAAGAAGACCCACA
ACTACAAGGCCACAGCTACAGGAAGACCCACGGCTATTTCAACAAGATCCACACATGTACCAACATCAA
CCAGAGTCTCTACCTCCACTCCTCCAACATCTACACACACATGGACTCACAAACCAGACTGGAATGGCAC
TGTGACATCCTCAGGAGATACCTGGAGTAATCACACTGAAGCAATCCCTCCAGGGAAGCCGAGAAAAAC
CCTACTAAGGGCTTCTATGTTGGCATCTGCATCGCAGCCCTGCTGCTACTGCTCCTTGTGAGCACCGTGG
CTATCACCAGGTACATACTTATGAAAAGGAAGTCAGCATCTCTAAGCGTGGTTGCCTTCCGTGTCTCTAA
GATTGAAGCTTTGCAGAACGCAGCGGTTGTGCATTTCCCGAGCTGAAGACAACATCTACATTGTTGAAGAT
AGACCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >MG227390 representing NM_001166631
 Red=Cloning site Green=Tags(s)

MNQIQVVISGLILLPLGAVDSYVEVKGVVGHVPTLPCTYSTYRGITTTTCWGRGQCPSSACQNTLIWTNGH
 RVTYQKSSRYNLKGHISEGDVSLTIENSVESDGLYCCRVEIPGWFDQKVTFLQVKPEIPTRPPRRPT
 TTRPTATGRPTAISTRSTHVPTSTRVSTSTPPTSTHTWTHKPDWNGT V TSSGDTWSNHTEAIPPGKPQKN
 PTKGFYVGCIAALLLLLLLVSTVAITRYILMKRKSASLSVVAFRVSKIEALQNAAVVHSRAEDNIYIVED
 RP

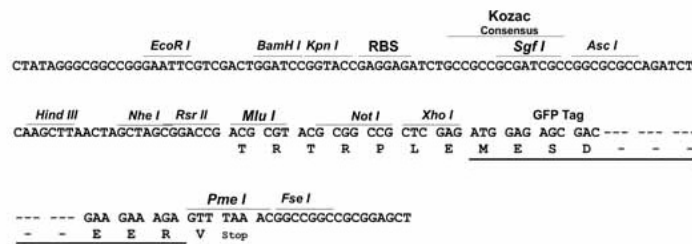
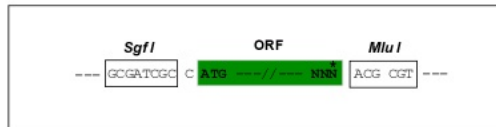
TRTRPLE - GFP Tag - V

Restriction Sites:

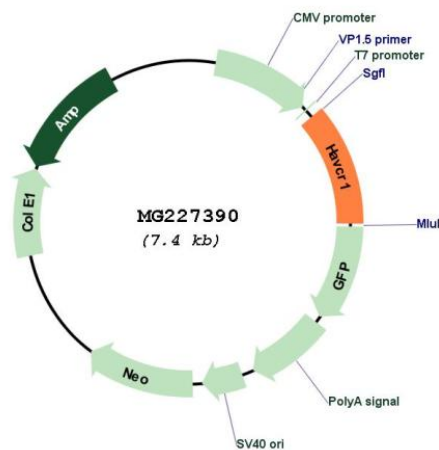
SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_001166631

ORF Size: 846 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	NM_001166631.1 , NP_001160103.1
RefSeq Size:	2001 bp
RefSeq ORF:	849 bp
Locus ID:	171283
UniProt ID:	Q5QNS5
Cytogenetics:	11 B1.1
Gene Summary:	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]