

## Product datasheet for RC217289

### TIM 1 (HAVCR1) (NM\_001099414) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TIM 1 (HAVCR1) (NM_001099414) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TIM 1
Synonyms:	HAVCR; HAVCR-1; KIM-1; KIM1; TIM; TIM-1; TIM1; TIMD-1; TIMD1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC217289 representing NM_001099414 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCATCCTCAAGTGGTCATCTTAAGCCTCATCTACATCTGGCAGATTCTGTAGCTGGTCTGTAAAGG  
TTGGTGGAGAGGCAGGTCCATCTGTCACACTACCTGCCACTACAGTGGAGCTGTCACATCCATGTGCTG  
GAATAGAGGCTCATGTTCTCTATTACATGCCAAAATGGCATTGTCTGGACCAATGGAACCCACGTCACC  
TATCGGAAGGACACACGCTATAAGCTATTGGGGGACCTTCAAGAAGGGATGTCTCTTGACCATAGAAA  
ATACAGCTGTGTCTGACAGTGGCGTATATTGTTGCCGTGTGAGCACCGTGGGTGGTTCATGACATGAA  
AATCACCGTATCATTGGAGATTGTGCCACCAAGGTCAGGACTACTCCAATTGTCACAACCTGTTCCAACC  
GTCACGACTGTTGCAACGAGCACCCTGTTCCAACGACAACGACTGTTCCAATGACGACTGTTCCAACGA  
CAACTGTTCCAACAACAATGAGCATTCCAACGACAACGACTGTTCTGACGACAATGACTGTTTCAACGAC  
AACGAGCGTTCACGACAACGAGCATTCCAACAACAACAAGTGTCCAGTGACAACAACCTGCTCTACC  
TTTGTCTCCTCAATGCCTTTGCCAGGCAGAACCATGAACCAAGTAGCCACTTCACCATCTTCACCTCAGC  
CAGCAGAAACCCACCCTACGACTGCAGGGAGCAATAAGGAGAGAACCCACCAGCTCACCATTGTACTC  
TTACACAACAGATGGGAATGACACCGTGACAGAGTCTTCAGATGGCCTTTGGAATAACAATCAAACCTCAA  
CTGTTCTAGAACATAGTCTACTGACGGCCAATACCACTAAAGGAATCTATGCTGGAGTCTGTATTTCTG  
TCTTGGTGCTTCTGCTTTTGGGTGTATCATTGCCAAAAGTATTTCTTCAAAAAGGAGGTTCAACA  
ACTAAGTGTTCATTTAGCAGCCTTCAAATTAAGCTTTGCAAAAATGCAGTTGAAAAGGAAGTCCAAGCA  
GAAGACAATATCTACATTGAGAATAGTCTTTATGCCACGGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Reconstitution Method:**

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\\_001099414.1](#), [NP\\_001092884.1](#)

**RefSeq Size:** 1493 bp

**RefSeq ORF:** 1095 bp

**Locus ID:** 26762

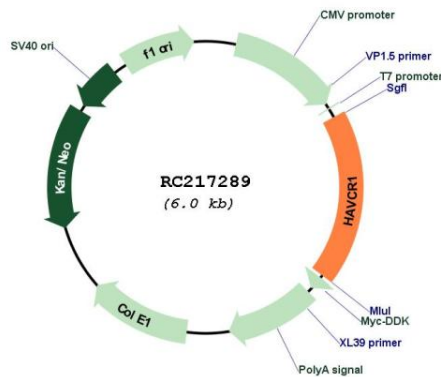
**Cytogenetics:** 5q33.3

**Protein Families:** Druggable Genome, Transmembrane

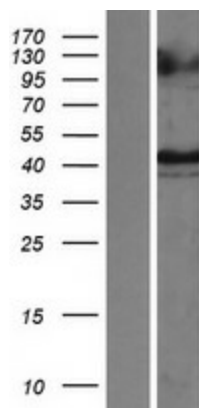
**MW:** 39.25 kDa

**Gene Summary:** The protein encoded by this gene is a membrane receptor for both human hepatitis A virus (HHAV) and TIMD4. The encoded protein may be involved in the moderation of asthma and allergic diseases. The reference genome represents an allele that retains a MTTVP amino acid segment that confers protection against atopy in HHAV seropositive individuals. Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 4, 12 and 19. [provided by RefSeq, Apr 2015]

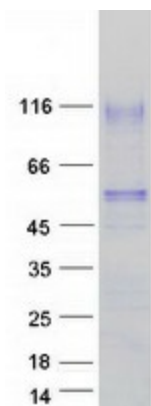
### Product images:



Circular map for RC217289



Western blot validation of overexpression lysate (Cat# [LY420451]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC217289 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified HAVCR1 protein (Cat# [TP317289]). The protein was produced from HEK293T cells transfected with HAVCR1 cDNA clone (Cat# RC217289) using MegaTran 2.0 (Cat# [TT210002]).