

Product datasheet for **RG229947**

TIM 1 (HAVCR1) (NM_001173393) Human Tagged ORF Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | TIM 1 (HAVCR1) (NM_001173393) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | HAVCR1 |
| Synonyms: | CD365; HAVCR; HAVCR-1; KIM-1; KIM1; TIM; TIM-1; TIM1; TIMD-1; TIMD1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >RG229947 representing NM_001173393 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCATCCTCAAGTGGTCATCTTAAGCCTCATCTACATCTGGCAGATTCTGTAGCTGGTCTGTAAAGG
TTGGTGGAGAGGCAGGTCCATCTGTCACACTACCTGCCACTACAGTGGAGCTGTCACATCCATGTGCTG
GAATAGAGGCTCATGTTCTCTATTACATGCCAAAATGGCATTGTCTGGACCAATGGAACCCACGTCACC
TATCGGAAGGACACACGCTATAAGCTATTGGGGGACCTTCAAGAAGGGATGTCTCTTTGACCATAGAAA
ATACAGCTGTGTCTGACAGTGGCGTATATTGTTGCCGTGTGAGCACCGTGGGTGGTTCATGACATGAA
AATCACCGTATCATTGGAGATTGTGCCACCAAGGTCAGGACTACTCCAATTGTCACAACCTGTTCCAACC
GTCACGACTGTTGCAACGAGCACCCTGTTCCAACGACAACGACTGTTCCAATGACGACTGTTCCAACGA
CAACTGTTCCAACAACAATGAGCATTCCAACGACAACGACTGTTCTGACGACAATGACTGTTTCAACGAC
AACGAGCGTTCACGACAACGAGCATTCCAACAACAACAAGTGTCCAGTGACAACAACCTGCTCTACC
TTTGTCTCCTCAATGCCTTTGCCAGGCAGAACCATGAACCAAGTAGCCACTTCACCATCTTCACCTCAGC
CAGCAGAAACCCACCCTACGACTGCAGGGAGCAATAAGGAGAGAACCCACCAGCTCACCATTGTACTC
TTACACAACAGATGGGAATGACACCGTGACAGAGTCTTCAGATGGCCTTTGGAATAACAATCAAACCTCAA
CTGTTCTAGAACATAGTCTACTGACGGCCAATACCACTAAAGGAATCTATGCTGGAGTCTGTATTTCTG
TCTTGGTGCTTCTGCTTTTGGGTGTATCATTGCCAAAAAGTATTTCTTCAAAAAGGAGGTTCAACA
ACTAAGTGTTCATTTAGCAGCCTTCAAATTAAGCTTTGCAAAATGCAGTTGAAAAGGAAGTCCAAGCA
GAAGACAATATCTACATTGAGAATAGTCTTTATGCCACGGAC

ACGGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG229947 representing NM_001173393
 Red=Cloning site Green=Tags(s)

MHPQVVILSLILHLADSVAGSVKVGGEAGPSVTLPCHYSGAVTSMCWNRGSCSLFTCQNGIVWTNGTHVT
 YRKDRYKLLGDLRRDVSILTIENTAVSDSGVYCCRVEHRGWFNMKITVLSLEIVPPKVTTTPIVTTVPT
 VTTVRTSTTVPTTTTVPMTTVPMTTVPMTTMSIPTTTTTLTMTVSTTTSVPTTTSIPTTTSVPVTTTST
 FVPPMPLPRQNHPEVATSPSSPQPAETHPTTLQGAIRREPTSSPLYSYTTDGNDTVTESSDGLWNNNQTO
 LFLEHSLLTANTTKGIYAGVCISVLVLLALLGVIIAKKYFFKKEVQQLSVSFSSLQIKALQNAVEKEVQA
 EDNIYIENSLYATD

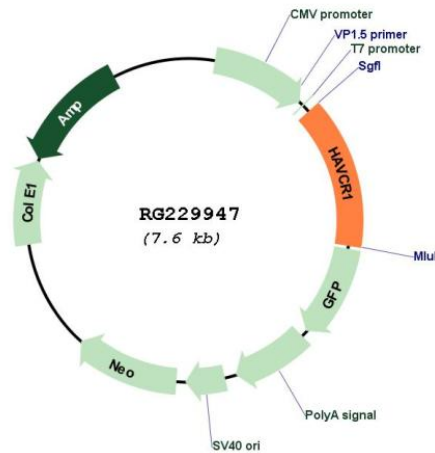
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001173393

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|-------------------------------|---|
| ORF Size: | 1092 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_001173393.3 |
| RefSeq Size: | 1359 bp |
| RefSeq ORF: | 1095 bp |
| Locus ID: | 26762 |
| UniProt ID: | Q96D42 |
| Cytogenetics: | 5q33.3 |
| Protein Families: | Druggable Genome, Transmembrane |
| 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] |