

## Product datasheet for **TP317039M**

### **TIM 1 (HAVCR1) (NM\_012206) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human hepatitis A virus cellular receptor 1 (HAVCR1), transcript variant 1, 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC217039 representing NM_012206 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MHPQWILSLILHLADSVAGSVKVGGEAGPSVTLPCHYSGAVTSMCWNRGSCSLFTCQNGIWTNGTHVT YRKDTRYKLLGDLSRRDVSILTIENTAVSDSGVYCCRVEHRGWFNDMKITVSLEIVPPKVTTPVITVPT VTVRTSTTVPTTTVPMTTVPTTTVPTTMSIPTTTTLTTMTVSTTTSVPTTTSIPTTTSVPVTTTVST FVPPMPLPRQNHEPVATSPSSPQPAETHPTTLQGAIRREPTSSPLSYTTDGNDDTVESSDGLWNNNQDQ LFLEHSLLTANTTKGIYAGVCISVLVLLALLGVIIAKKYFFKKEVQQLSVSFSSLQIKALQNAVEKEVQA EDNIYIENSLYATD  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	37.1 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u><a href="#">NP_036338</a></u>



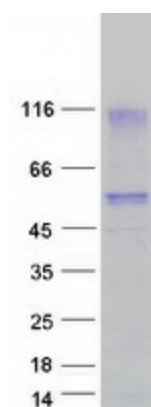
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Locus ID:	26762
UniProt ID:	<a href="#">Q96D42</a> , <a href="#">B4DPB1</a>
RefSeq Size:	1841
Cytogenetics:	5q33.3
RefSeq ORF:	1092
Synonyms:	CD365; HAVCR; HAVCR-1; KIM-1; KIM1; TIM; TIM-1; TIM1; TIMD-1; TIMD1

**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]

**Protein Families:** Druggable Genome, Transmembrane

### Product images:



Coomassie blue staining of purified HAVCR1 protein (Cat# [TP317039]). The protein was produced from HEK293T cells transfected with HAVCR1 cDNA clone (Cat# [RC217039]) using MegaTran 2.0 (Cat# [TT210002]).