

#### OriGene Technologies, Inc.

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# Product datasheet for TP700235

## TIM 3 (HAVCR2) (NM\_032782) Human Recombinant Protein

## **Product data:**

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of human T-cell immunoglobulin mucin receptor 3 (TIM3), with C-terminal Fc tag, expressed in human cells, 20 μg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC209440, encoding the region (Glu23-Arg200) of human TIM3
Tag:	C-Fc
Predicted MW:	45 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	PBS, pH 7.4, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP 116171</u>
Locus ID:	84868
UniProt ID:	<u>Q8TDQ0</u>
RefSeq Size:	2448
Cytogenetics:	5q33.3
RefSeq ORF:	903
Synonyms:	CD366; HAVcr-2; KIM-3; SPTCL; Tim-3; TIM3; TIMD-3; TIMD3



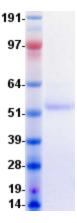
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### **GRIGENE** TIM 3 (HAVCR2) (NM\_032782) Human Recombinant Protein – TP700235

Summary:The protein encoded by this gene belongs to the immunoglobulin superfamily, and TIM family<br/>of proteins. CD4-positive T helper lymphocytes can be divided into types 1 (Th1) and 2 (Th2)<br/>on the basis of their cytokine secretion patterns. Th1 cells are involved in cell-mediated<br/>immunity to intracellular pathogens and delayed-type hypersensitivity reactions, whereas,<br/>Th2 cells are involved in the control of extracellular helminthic infections and the promotion<br/>of atopic and allergic diseases. This protein is a Th1-specific cell surface protein that regulates<br/>macrophage activation, and inhibits Th1-mediated auto- and alloimmune responses, and<br/>promotes immunological tolerance. [provided by RefSeq, Sep 2011]

#### Protein Families: Druggable Genome, Transmembrane

#### **Product images:**



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