

Recombinant Human HAVCR1, Fc-tagged

Cat. No. HAVCR1-512H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human Tim-1 (aa 21-295) is fused to the N-terminus of the Fc region of human IgG1.
Species	Human
Source	CHO
Description	The TIM (T cell/transmembrane, immunoglobulin and mucin) family plays a critical role in regulating immune responses, including allergy, asthma, transplant tolerance, autoimmunity and the response to viral infections. The unique structure of TIM immunoglobulin variable region domains allows highly specific recognition of phosphatidylserine (PtdSer), exposed on the surface of apoptotic cells. TIM-1 (T cell-immunoglobulinmucin; also KIM-1 and HAVcr-1) is a 100 kDa, type I transmembrane glycoprotein member of the TIM family of immunoglobulin superfamily molecules. There are two cytoplasmic alternate splice forms of TIM1. One is a long (359 aa) kidney form termed TIM-1b, and one is a short (334 aa) liver form termed TIM-1a. TIM-1, important for asthma and allergy, is preferentially expressed on T-helper 2 (Th2) cells and functions as a potent costimulatory molecule for T cell activation.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Purity	≥98% (SDS-PAGE)
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.

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Storage Short Term Storage: +4°C; Long Term Storage: -20°C. Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name [HAVCR1 hepatitis A virus cellular receptor 1 \[Homo sapiens \]](#)

Official Symbol HAVCR1

Synonyms HAVCR1; hepatitis A virus cellular receptor 1; HAVCR; HAVCR 1; TIM 1; TIM1; TIMD1; kidney injury molecule 1; T-cell membrane protein 1; T cell immunoglobulin domain and mucin domain protein 1; TIM; KIM1; KIM-1; TIM-1; TIMD-1; HAVCR-1;

Gene ID [26762](#)

mRNA Refseq [NM_001099414](#)

Protein Refseq [NP_001092884](#)

MIM [606518](#)

UniProt ID [Q96D42](#)

Chromosome Location 5q33.2

Function receptor activity;

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