

Datasheet for ABIN6253415
HAVCR1 Protein (AA 21-295) (Fc Tag)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	HAVCR1
Protein Characteristics:	AA 21-295
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HAVCR1 protein is labelled with Fc Tag.

Product Details

Purpose:	Tim-1 (human):Fc (mouse) (rec.)
Specificity:	The extracellular domain of human Tim-1 (aa 21-295) is fused to the N-terminus of the Fc region of mouse IgG2a.
Characteristics:	Protein. The extracellular domain of human Tim-1 (aa 21-295) is fused to the N-terminus of the Fc region of mouse IgG2a. Source: HEK 293 cells. Endotoxin content: <5EU/mg protein (LAL test, Lonza). Lyophilized from 0.2µm-filtered solution in PBS. Purity: >98 % (SDS-PAGE). 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

Product Details

(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.

Purity: >98 % (SDS-PAGE)

Endotoxin Level: <5EU/mg protein (LAL test, Lonza).

Biological Activity Comment: Measured by its ability to inhibit anti-CD3-induced proliferation of stimulated human T cells.

Target Details

Target: HAVCR1

Alternative Name: Tim-1 ([HAVCR1 Products](#))

Target Type: Virus

Background: Alternate Names/Synonyms: TIM1, KIM1, TIMD1, Hepatitis A Virus Cellular Receptor 1, HAVcr-1, T Cell Immunoglobulin and Mucin Domain-containing Protein 1, T Cell Membrane Protein 1
Product 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.

Molecular Weight: ~110kDa (SDS-PAGE)

NCBI Accession: [NP_036338](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Handling

Concentration:	Lot specific
Buffer:	Lyophilized from 0.2µm-filtered solution in PBS.
Handling Advice:	Avoid freeze/thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Use & 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.