

Active Recombinant Human HAVCR2, MIgG2a Fc-tagged

Cat. No. HAVCR2-217H Lot. No. (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human Tim-3 (NP_116171.3) (Ser22-Arg200) is fused to the N-terminus of the Fc region of mouse IgG2a was expressed in CHO cell
Species	Human
Source	CHO
Description	<p>The protein encoded by this gene belongs to the immunoglobulin superfamily, and TIM family of proteins. CD4-positive T helper lymphocytes can be divided into types 1 (Th1) and 2 (Th2) on the basis of their cytokine secretion patterns. Th1 cells are involved in cell-mediated immunity to intracellular pathogens and delayed-type hypersensitivity reactions, whereas, Th2 cells are involved in the control of extracellular helminthic infections and the promotion of atopic and allergic diseases. This protein is a Th1-specific cell surface protein that regulates macrophage activation, and inhibits Th1-mediated auto- and alloimmune responses, and promotes immunological tolerance.</p>
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA.
Molecular Mass	48 KDa (monomer)
AA Sequence	Ser22-Arg200

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Endotoxin	<0.06 eu/μg="" as="" determined="" by="" lal="" test.="">
Purity	>98%, by SDS-PAGE under reducing conditions
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.
Reconstitution	Reconstitute at 100μg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	HAVCR2 hepatitis A virus cellular receptor 2 [Homo sapiens]
Official Symbol	HAVCR2
Synonyms	HAVCR2; hepatitis A virus cellular receptor 2; FLJ14428; Tim 3; TIM3; TIMD3; kidney injury molecule-3; T-cell membrane protein 3; T cell immunoglobulin mucin 3; T cell immunoglobulin mucin-3; T-cell immunoglobulin and mucin domain-containing protein 3; KIM-3; Tim-3; TIMD-3; HAVcr-2;
Gene ID	84868
mRNA Refseq	NM_032782
Protein Refseq	NP_116171
MIM	606652
UniProt ID	Q8TDQ0

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Chromosome	5q34
Location	

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