Active Recombinant Mouse Havcr1, HIgG1 Fc-tagged

Cat. No. Havcr1-2117M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of mouse Tim-1(NP_001160104.1)(Tyr22-Thr212) is fused to the N-terminus of the Fc region of human IgG1was expressed in CHO cell
Species	Mouse
Source	CHO
Description	The protein encoded by this gene is a membrane receptor for both human hepatitis A virus (HHAV) and TIMD4. Theencoded protein may be involved in the moderation of asthma and allergic diseases. The reference genomerepresents an allele that retains a MTTVP amino acid segment that confers protection against atopy in HHAVseropositive individuals. Three transcript variants encoding the same protein have been found for this gene.
Form	Lyophilized from 0.2μm-filtered solution in PBS.
Bio-activity	May play a role in T-helper cell development and the regulation of asthma and allergic diseases, may play a role in kidney injury and repair.
Molecular Mass	47KDa (monomer)
AA Sequence	Tyr22-Thr212
Endotoxin	<0.06 eu/μg="" as="" determined="" by="" lal="" test.="">

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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	Havcr1 hepatitis A virus cellular receptor 1 [Mus musculus]
Official Symbol	Havcr1
Synonyms	HAVCR1; hepatitis A virus cellular receptor 1; hepatitis A virus cellular receptor 1 homolog; TIMD-1; HAVcr-1; kidney injury molecule 1; t cell membrane protein 1; T-cell immunoglobulin and mucin domain containing 1; t cell immunoglobulin and mucin domain-containing protein 1; Tim1; KIM-1; TIM-1; Timd1; AI503787;
Gene ID	171283
mRNA Refseq	NM_001166631
Protein Refseq	NP_001160103
Function	receptor activity;

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