

Recombinant Human HAVCR2 Protein, His-tagged

Cat. No. HAVCR2-956H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HAVCR2 Protein (Ser22-Gly202) with His tag was expressed in 293F.
Species	Human
Source	HEK293
ProteinLength	Ser22-Gly202
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 21.6 kDa; Accurate Molecular Mass: 40-48 kDa
Purity	> 90%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	HAVCR2 hepatitis A virus cellular receptor 2 [Homo sapiens (human)]
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

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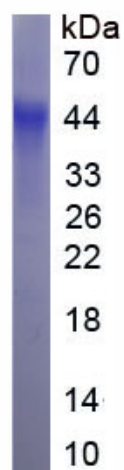
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Protein Refseq NP_116171

MIM 606652

UniProt ID Q8TDQ0



kDa
70
44
33
26
22
18
14
10

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