

# Active Recombinant Human HAVCR2 Protein, His-Avi-tagged, Biotinylated

**Cat. No.** HAVCR2-705H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Human TIM-3 / HAVCR2, His Tag is expressed from HEK293 cells. It contains AA Ser 22 - Arg 200 (Accession # Q8TDQ0-1). This protein carries an Avi tag at the C-terminus, followed by a polyhistidine tag.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	22-200 a.a.
<b>Predicted N Terminal</b>	Ser 22
<b>Form</b>	Lyophilized from 0.22 um filtered solution in PBS, pH7.4, 10% trehalose.
<b>Bio-activity</b>	Immobilized Anti-TIM3 MAb, Human IgG4 at 2 ug/mL (100 uL/well) can bind Biotinylated Human TIM-3, His Tag with a linear range of 0.4-13 ug/mL.
<b>Molecular Mass</b>	The protein has a calculated MW of 23.1 kDa. The protein migrates as 45-55 kDa under reducing condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.

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<b>Characteristic</b>	Biotinylation of this product is performed using Avitag technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin. The biotin to protein ratio is 0.5-1 as determined by the HABA assay.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. No activity loss is observed after storage at: 4-8°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">HAVCR2 hepatitis A virus cellular receptor 2 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">HAVCR2</a>
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">84868</a>
<b>mRNA Refseq</b>	<a href="#">NM_032782</a>

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**Protein Refseq** NP\_116171

**MIM** 606652

**UniProt ID** Q8TDQ0

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