

## Recombinant Human HAVCR2 Protein, hlgG-His-Tagged

Cat. No. HAVCR2-02H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human HAVCR2 Protein, hlgG-His-Tagged was expressed in Baculovirus cell line.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	423aa
<b>Description</b>	<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>
<b>Form</b>	Liquid
<b>Molecular Mass</b>	47.3 kDa
<b>Endotoxin</b>	< 1 EU per 1ug of protein (determined by LAL method)

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<b>Purity</b>	> 85% by SDS-PAGE
<b>Applications</b>	SDS-PAGE
<b>Notes</b>	Note: For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
<b>Storage</b>	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.
<b>Concentration</b>	0.5mg/ml (determined by absorbance at 280nm)
<b>Storage Buffer</b>	Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol Purity> 85% by SDS-PAGE

## GENE INFORMATION

<b>Gene Name</b>	HAVCR2 hepatitis A virus cellular receptor 2 [ Homo sapiens (human) ]
<b>Official Symbol</b>	HAVCR2
<b>Synonyms</b>	Hepatitis A virus cellular receptor 2, HAVCR2, HAVcr-2, KIM-3, Tim-3, TIM3, TIMD-3, TIMD3, FLJ14428, HAVcr-2, Havcr2, HAVR2_HUMAN, Hepatitis A virus cellular receptor 2, Kidney injury molecule 3, KIM 3, KIM3, T cell immunoglobulin and mucin domain containing 3, T cell immunoglobulin mucin 3, T-cell immunoglobulin and mucin domain-containing protein 3, T-cell immunoglobulin mucin family member 3, T-cell immunoglobulin mucin receptor 3, T-cell membrane protein 3, Tim 3, TIM-3, TIM3, TIMD-3, TIMD3
<b>Gene ID</b>	84868

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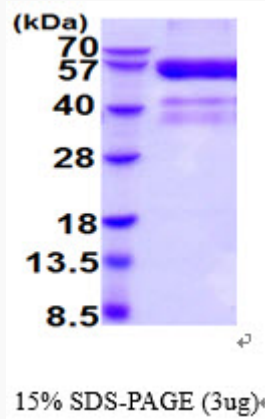
mRNA Refseq [NM\\_032782.5](#)

Protein Refseq [NP\\_116171.3](#)

MIM [606652](#)

UniProt ID [Q8TDQ0](#)

**SDS-PAGE**



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain

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