

Recombinant Human HAVCR2 Protein, His-tagged

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

SPECIFICATION

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| Product Overview | Recombinant Human HAVCR2 Protein (Ser22-Gly202) with His tag was expressed in 293F. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | Ser22-Gly202 |
| 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 | 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

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| 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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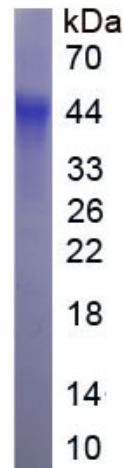
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Protein Refseq NP_116171

MIM 606652

UniProt ID Q8TDQ0



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