

Recombinant Human HAVCR1 Protein, His-tagged

Cat. No. HAVCR1-2231H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HAVCR1 Protein (Ser21-Thr293) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser21-Thr293
Description	The protein encoded by this gene is a membrane receptor for both human hepatitis A virus (HHAV) and TIMD4. The encoded protein may be involved in the moderation of asthma and allergic diseases. The reference genome represents an allele that retains a MTTVP amino acid segment that confers protection against atopy in HHAV seropositive individuals. The protein is a receptor for multiple other viruses, including Ebola virus, Marburg virus, Dengue virus, and Zika virus and is a possible entry factor for SARS-CoV-2 and other coronaviruses.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.29 kDa Accurate Molecular Mass: 68 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
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	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	HAVCR1 hepatitis A virus cellular receptor 1 [Homo sapiens (human)]
Official Symbol	HAVCR1
Synonyms	HAVCR1; hepatitis A virus cellular receptor 1; HAVCR; HAVCR 1; TIM 1; TIM1; TIMD1; kidney injury molecule 1; T-cell membrane protein 1; T cell immunoglobulin domain and mucin domain protein 1; TIM; KIM1; KIM-1; TIM-1; TIMD-1; HAVCR-1;
Gene ID	26762
mRNA Refseq	NM_001099414
Protein Refseq	NP_001092884
MIM	606518

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UniProt ID

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