

Recombinant Human HAVCR1 Protein, His-tagged

Cat. No. HAVCR1-454H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human HAVCR1 protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	364
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	Lyophilized
Molecular Mass	29.6 kDa
AA Sequence	MHPQVVILSLILHLADSVAGSVKVGGEAGPSVTLPCHYSGAVTSMCWNRGSCSLFT CQNGIVWTNGTHVTRYKLDTRYKLLGDLSRRDVSLTIENTAVSDSGVYCCRVEHRGW FNDMKITVSLEIVPPKVTTTPIVTTVPTVTTVRTSTTVPTTTTVPMTTVPTTTVPTTMSI PTTTTTLTMTVSTTTSVPTTTTSIPTTTTSVPVTTTVSTFVPPMPLPRQNHEPVATSPS SPQPAETHPTTLQGAIRREPTSSPLYSYTTDGNDDVTESDGLWNNNQTLFLEHS

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	LLTANTTKGIYAGVCISVLVLLALLGVIIAKKYFFKKEVQQLSVSFSSLQIKALQNAVEK EVQAEDNIYIENSLYATD
Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

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;

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Gene ID	26762
mRNA Refseq	NM_001099414
Protein Refseq	NP_001092884
MIM	606518
UniProt ID	Q96D42

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