

Recombinant Human HAVCR1 Protein, His-tagged

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

SPECIFICATION

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|-------------------------|---|
| 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 CQNGIVWTNGTHVTYRKDTRYKLLGDLRRRDVSLTIENTAVSDSGVYCCRVEHRGW FNDMKITVSLEIVPPKVTTTPIVTTVPTVTTVRTSTTVPTTTTVPMTTVPTTTVPTTMSI PTTTTTLTMTVSTTTSVPTTTTSIPTTTTSPVTTTTVSTFVPPMPLPRQNHEPVATSPS SPQPAETHPTTLQGAI RREPTSSPLYSYTTDGN DVT ESSDGLWNNNQTLFLEHS |

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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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