

Recombinant Human HAVCR2 Protein

Cat. No. HAVCR2-737H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human HAVCR2 protein without tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	301
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	Lyophilized
Molecular Mass	21.8 kDa
AA Sequence	<p>MFSHLPFDCVLLLLLLLLLRSSEVEYRAEVGQNAYLPCFYTPAAPGNLVPVCWGKGA CPVFECGNVLRDTERDVNYWTSRYWLNDFRKGDVSLTIENVTLADSGIYCCRIQI PGIMNDEKFNLLKLVIPAKVTPAPTRQRDFTAAPRMLTTRGHGPAETQTLGSLPDIN</p>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LTQISTLANELRDSRLANDLRDSGATIRIGIYIGAGICAGLALALIFGALIFKWYSHSKEK
IQNLSLISLANLPPSGLANAVAEGIRSEENIYTIENVYEVVEEPNEYCYVSSRQQPSQ
PLGCRFAMP

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 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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](#)

Protein Refseq [NP_116171](#)

MIM [606652](#)

UniProt ID [Q8TDQ0](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA