

Recombinant Mouse HAVCR2 Protein

Cat. No. HAVCR2-738M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse HAVCR2 protein without tag was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	281
Description	Predicted to enable metal ion binding activity. Involved in several processes, including regulation of cytokine production; regulation of leukocyte activation; and toll-like receptor signaling pathway. Located in cell surface; early endosome; and immunological synapse. Is expressed in several structures, including dorsal aorta; gut; liver; lung; and reproductive system. Human ortholog(s) of this gene implicated in hepatocellular carcinoma and renal cell carcinoma. Orthologous to human HAVCR2 (hepatitis A virus cellular receptor 2).
Form	Lyophilized
Molecular Mass	21 kDa
AA Sequence	MFSGLTLNLCVLLLLQLLLARSLEDGYKVEVGKNAYLPCSYTLPTSGTLVPMCWGKGF CPWSQCTNELLRTDERNVTYQKSSRYQLKGDNLKGDVSLIKNVTLDDHGTYCCRIQ FPGLMNDKKLELKLDIKAAKVTPAQTAHGDSTTASPRTLTTERNGSETQTLVTLHNN NGTKISTWADEIKDSGETIRTAIHIGVGVSAAGLTLALIIGVLILKWYSCKKKKLSSLSLIT LANLPPGGLANAGAVRIRSEENIYTIENVEVENSNEYCYVNSQQPS

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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 [Mus musculus (house mouse)]
Official Symbol	HAVCR2
Synonyms	HAVCR2; hepatitis A virus cellular receptor 2; hepatitis A virus cellular receptor 2 homolog; TIMD-3; HAVcr-2; T-cell membrane protein 3; T-cell immunoglobulin and mucin domain containing 3; T-cell immunoglobulin and mucin domain-containing protein 3; Tim3; TIM-3; Timd3; MGC124149; MGC124150;
Gene ID	171285

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mRNA Refseq [NM_134250](#)

Protein Refseq [NP_599011](#)

UniProt ID [Q8VIM0](#)

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