

Active Recombinant Human HAVCR2, Fc-tagged, Biotinylated

Cat. No. HAVCR2-704H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant human TIM-3-Fc fusion protein is expressed as a 409 amino acid protein consisting of Ser22 - Gly202 region of TIM-3 (UniProt accession #Q8TDQ0) and a C-terminal Fc fusion from human IgG1, which exists as a dimer under non-reducing condition.
Species	Human
Source	Human Cells
ProteinLength	22-202 a.a.
Form	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier & preservative free). The purified recombinant protein was labeled with Biotin (3-5 Biotin per molecule).
Bio-activity	Binds its ligand Galectin-9 and blocks Galectin-9/TIM-3 mediated signaling activity.
Molecular Mass	Calculated molecular mass (kDa): 45.6; Estimated by SDS-PAGE under reducing condition (kDa): ~65 (probably due to glycosylation).
AA Sequence	SEVEYRAEVGQNAYLPCFYTPAAPGNLVPVCWGKGACPVFECGNVVLRTDERDVN YWTSRYWLNGDFRKGDVSLT IENVTLADSGIYCCRIQIPGIMNDEKFNLKLVIPAKV TPAPTRQRDFTAAFPRLTTRGHGPAETQTLGSLPD INLTQISTLANELRDSRLAND LRDSGATIRIGSTGHTCPPELPGVFLFPPKPKDTLMISRTPEVTC VVVDV SHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKC KVSNAKALPAIEKT ISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIA

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	VEWESNGQPENNYKTPPVLDSDGSFFLYSK LTVDKSRWQQGNVFSCSVMHEAL HNHYTQKSLSLSPGK
Endotoxin	<0.1 eu="" per="" 1="" μg="" of="" purified="" recombinant="" protein="" determined="" by="" the="" lal="">
Purity	>95% judged by SDS-PAGE under reducing condition
Storage	The product is shipped at 4°C. Upon receipt, centrifuge the product briefly before opening the vial. It is recommended to store small aliquots at the temperature below –20°C for long-term storage and the product is stable for 3 months. The undiluted protein can be stored at 4°C for no more than 2 weeks. Avoid repeated freeze-thaw cycles.
Conjugation	Biotin

GENE INFORMATION

Gene Name	HAVCR2 hepatitis A virus cellular receptor 2 [Homo sapiens]
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 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

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Protein Refseq	NP_116171
MIM	606652
UniProt ID	Q8TDQ0
Chromosome Location	5q34

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