

Active Recombinant Rat Havcr1 Protein, His-tagged

Cat. No. Havcr1-986R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Havcr1 (Accession # O54947) Ser18-Val238, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Rat
Source	Mammalian Cells
ProteinLength	Ser18-Val238
Predicted N Terminal	Ser18
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its ability to inhibit anti-CD3-induced proliferation of stimulated human T cells. Human T lymphocytes cultured for 72 hours with PHA were incubated for an additional 3 days in 96 well plates coated with 500 ng/mL anti-CD3 and rrKIM-1. The ED50 for this effect is typically 0.4-2 µg/mL. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Rat Havcr1, His-tagged has a calculated MW of 25.4 kDa. In SDS-PAGE migrates as 55-65 kDa, reducing conditions.
Purity	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

Gene Name [Havcr1 hepatitis A virus cellular receptor 1 \[Rattus norvegicus \]](#)

Official Symbol Havcr1

Synonyms HAVCR1; hepatitis A virus cellular receptor 1; hepatitis A virus cellular receptor 1 homolog; TIMD-1; HAVcr-1; kidney injury molecule 1; t cell immunoglobulin and mucin domain-containing protein 1; Kim1; KIM-1;

Gene ID [286934](#)

mRNA Refseq [NM_173149](#)

Protein Refseq [NP_775172](#)

MIM

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