

Recombinant Rat Havcr1 protein(Ser18-Val238), His&hFc-tagged

Cat. No. Havcr1-2322R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat HAVCR1 (NP_775172.1) (Ser 18-Val 238) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus and the Fc region of Human IgG1 at the N-terminus.
Species	Rat
Source	HEK293
ProteinLength	Ser18-Val238
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant rat HAVCR1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 468 amino acids and predicts a molecular mass of 52.6 kDa. As a result of glycosylation, the apparent molecular mass of the rat HAVCR1/Fc monomer is approximately 90-100 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 93 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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](#)

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