Recombinant Mouse Havcr1 protein(Tyr22-Thr212), His&hFc-tagged

Cat. No. Havcr1-2298M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse HAVCR1 isoform b (NP_001160104.1) (Tyr 22-Thr 212) 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	Mouse
Source	HEK293
ProteinLength	Tyr22-Thr212
Form	Lyophilized from sterile 20mM Tris-Citrate, 150mM NaCl, pH 6.5 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse HAVCR1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 438 amino acids and predicts a molecular mass of 49 kDa. As a result of glycosylation, the apparent molecular mass of HAVCR1/Fc monomer is approximately 80-85 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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

	Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein 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 [Mus musculus]
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 membrane protein 1; T-cell immunoglobulin and mucin domain containing 1; t cell immunoglobulin and mucin domain-containing protein 1; Tim1; KIM-1; TIM-1; Timd1; AI503787;
Gene ID	171283
mRNA Refseq	NM_001166631
Protein Refseq	NP_001160103

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