

Recombinant Mouse Havcr1 Protein, His-tagged

Cat. No. Havcr1-1069M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Havcr1 Protein (Tyr22-Gly237) with His tag was expressed in 293F.
Species	Mouse
Source	HEK293
ProteinLength	Tyr22-Gly237
Description	Enables phosphatidylserine binding activity. Acts upstream of or within positive regulation of mast cell activation; response to lipopolysaccharide; and response to wounding. Located in brush border and cell surface. Is expressed in brain; dorsal aorta; liver; lung; and reproductive system. Human ortholog(s) of this gene implicated in atopic dermatitis. Orthologous to human HAVCR1 (hepatitis A virus cellular receptor 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.3 kDa; Accurate Molecular Mass: 56 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

[Havcr1 hepatitis A virus cellular receptor 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Havcr1](#)

Synonyms

Havcr1; hepatitis A virus cellular receptor 1; Tim1; KIM-1; TIM-1; Timd1; AI503787; hepatitis A virus cellular receptor 1 homolog; HAVcr-1; T-cell immunoglobulin and mucin domain containing 1; T-cell immunoglobulin mucin receptor 1; TIMD-1; kidney injury molecule 1; t cell immunoglobulin and mucin domain-containing protein 1; t cell membrane protein 1

Gene ID

[171283](#)

mRNA Refseq

[NM_001166631](#)

Protein Refseq

[NP_001160103](#)

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UniProt ID

Q5QNS5



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