

Recombinant Rat Havcr1 Protein, His-tagged

Cat. No. Havcr1-1617R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Havcr1 Protein (Pro16-Asn231) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Pro16-Asn231
Description	Predicted to enable phosphatidylserine binding activity and virus receptor activity. Involved in several processes, including phagocytosis, engulfment; response to mycotoxin; and response to testosterone. Located in several cellular components, including apical plasma membrane; cell surface; and phagocytic vesicle. Biomarker of colitis; hypertension; kidney failure (multiple); and proteinuria (multiple). 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: 27.6 kDa Accurate Molecular Mass: 36 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by 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	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 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.

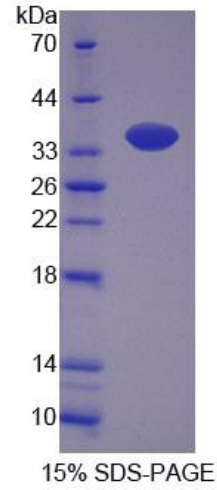
GENE INFORMATION

Gene Name	Havcr1 hepatitis A virus cellular receptor 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Havcr1
Synonyms	Havcr1; hepatitis A virus cellular receptor 1; Kim1; KIM-1; hepatitis A virus cellular receptor 1 homolog; HAVcr-1; TIMD-1; kidney injury molecule 1; t cell immunoglobulin and mucin domain-containing protein 1
Gene ID	286934
mRNA Refseq	NM_173149
Protein Refseq	NP_775172
UniProt ID	O54947

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