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Datasheet for ABIN7320315

HAVCR1 Protein (His tag,Fc Tag)

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1 Image

Overview

Quantity:	100 µg
Target:	HAVCR1
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HAVCR1 protein is labelled with His tag,Fc Tag.

Product Details

Purpose:	Recombinant Mouse TIM1/HAVCR1 Protein (His & Fc Tag)
Sequence:	Tyr 22-Thr 212
Characteristics:	A DNA sequence encoding the extracellular domain of mouse HAVCR1 isoform b (NP_001160104.1) (Tyr 22-Thr 212) was fused with a polyhistidine tag at the C-terminus and the Fc region of human IgG1 at the N-terminus.
Purity:	> 97 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	HAVCR1
Alternative Name:	TIM1/HAVCR1 (HAVCR1 Products)
Target Type:	Virus

Target Details

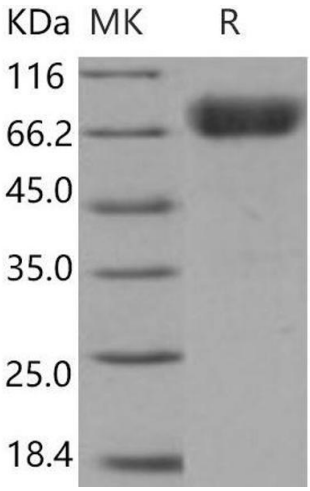
Background:	Background: HAV cellular receptor 1 (HAVCR1), also known as Kidney injury molecule 1 (KIM-1) and T cell immunoglobulinmucin 1 (TIM-1), is a type â… integral membrane glycoprotein. KIM-1 protein is widely expressed with highest levels in kidney and testis. It has been shown to play a major role as a human susceptibility gene for asthma, allergy and autoimmunity. IgA1lambda is a specific ligand of KIM-1 protein and that their association has a synergistic effect in virus-receptor interactions. KIM-1 involves in the pathogenesis of acute kidney injury. It had been confirmed that KIM-1 is a human urinary renal dysfunction biomarker. Moreover, KIM-1 protein is a novel regulatory molecule of flow-induced calcium signaling. Synonym: Hepatitis A virus cellular receptor 1 homolog; HAVcr-1; Kidney injury molecule 1; KIM-1; T cell membrane protein 1; TIM-1;Timd1;AI503787
Molecular Weight:	49 kDa
NCBI Accession:	NP_001160104

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile 20 mM Tris-Citrate, 150 mM NaCl, pH 6.5
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.