

Datasheet for ABIN7317678

HAVCR1 Protein (AA 1-135) (His tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	HAVCR1
Protein Characteristics:	AA 1-135
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HAVCR1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human TIM1/HAVCR1 Protein (aa 1-135, His Tag)
Sequence:	Met 1-Val 135
Characteristics:	A DNA sequence encoding the N-terminal fragment (Met 1-Val 135) of human KIM1 (AAC39862.1) extracellular domain was fused with a polyhistidine tag at the C-terminus.
Purity:	> 97 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg 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 immunoglobulin mucin 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: CD365;HACVR;HAVCR;HAVCR-1;KIM-1;KIM1;TIM;TIM-1;TIM1;TIMD-1;TIMD1
-------------	---

Molecular Weight:	15.8 kDa
-------------------	----------

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.4
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.