

Datasheet for ABIN7275734

HAVCR1 Protein (AA 21-295) (His tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	HAVCR1
Protein Characteristics:	AA 21-295
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HAVCR1 protein is labelled with His tag.

Product Details

Purpose:	Human TIM-1/HAVCR1 Protein
Sequence:	Ser21-Gly295
Characteristics:	Recombinant Human TIM-1/HAVCR1 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ser21-Gly295.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	HAVCR1
Alternative Name:	TIM-1 (HAVCR1 Products)

Target Details

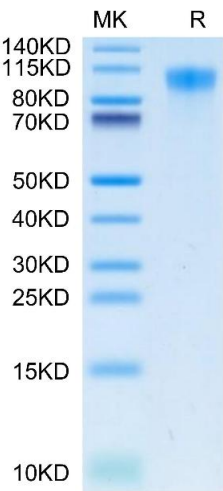
Background:	Kidney injury molecule 1 (KIM-1, also known as TIM-1) is markedly upregulated in the proximal tubule after injury and is maladaptive when chronically expressed. KIM-1-mediated epithelial cell phagocytosis of apoptotic cells protects the kidney after acute injury by downregulating innate immunity and inflammation.
Molecular Weight:	30.58 kDa. Due to glycosylation, the protein migrates to 95-115 kDa based on Tris-Bis PAGE result.
UniProt:	Q96D42

Application Details

Restrictions:	For Research Use only
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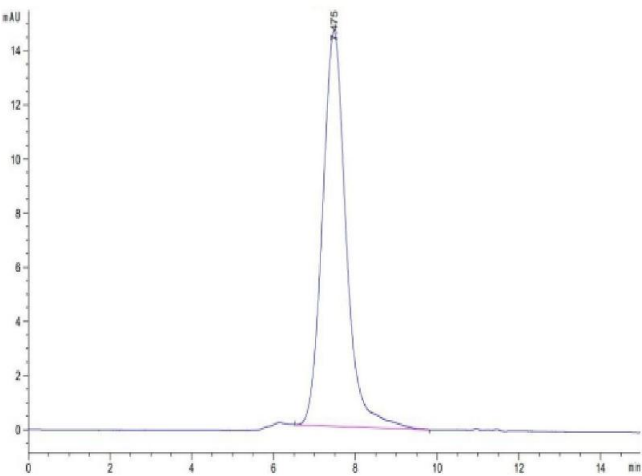
Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human TIM-1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Human TIM-1 is greater than 95 % as determined by SEC-HPLC.