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Datasheet for ABIN7454163  
**HAVCR1 Protein (AA 23-342) (His tag)**

### Overview

Quantity:	100 µg
Target:	HAVCR1
Protein Characteristics:	AA 23-342
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HAVCR1 protein is labelled with His tag.

### Product Details

Purpose:	Cynomolgus TIM-1/HAVCR1 Protein
Sequence:	Val23-Gly342
Characteristics:	Recombinant Cynomolgus TIM-1/HAVCR1 Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Val23-Gly342.
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 ( <a href="#">HAVCR1 Products</a> )

## Target Details

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**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:** 35.25 kDa. Due to glycosylation, the protein migrates to 100-150 kDa based on Tris-Bis PAGE result.

**UniProt:** [A0A2K5WXJ6](#)

## Application Details

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**Restrictions:** For Research Use only

## Handling

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**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