

Datasheet for ABIN7505096

HAVCR1 Protein (AA 21-245) (GST tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	HAVCR1
Protein Characteristics:	AA 21-245
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HAVCR1 protein is labelled with GST tag.

Product Details

Sequence:	Ser 21-Ala 245
Characteristics:	A DNA sequence encoding the Human KIM-1 protein (Q96D42) (Ser 21-Ala 245) was expressed with a N-GST tag.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	HAVCR1
Alternative Name:	KIM-1 (HAVCR1 Products)
Background:	Abbreviation: KIM-1 Target Synonym: CD365;HACVR;HAVCR;HAVCR-1;KIM-1;KIM1;TIM;TIM-1;TIM1;TIMD-1;TIMD1 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

Target Details

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.

Molecular Weight: Calculated MW: 49.64 kDa
Observed MW: 50 kDa

UniProt: [Q96D42](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4.
Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.

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.

Expiry Date: 12 months