# **PRODUCT INFORMATION**

Expression system E.coli

**Domain** 21-295aa

**UniProt No.** Q96D42

NCBI Accession No. NP\_001166864

## **Alternative Names**

Hepatitis A virus cellular receptor 1 homolog, Kidney injury molecule 1, KIM-1, T cell immunoglobulin and mucin domain-containing protein 1, TIMD-1, T cell membrane protein 1, T-cell immunoglobulin mucin receptor 1, TIM-1, CD365

## **PRODUCT SPECIFICATION**

## Molecular Weight

31.9 kDa (298aa)

**Concentration** 1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Purity

> 85% by SDS-PAGE

**Tag** His-Tag

**Application** SDS-PAGE, Denatured

### **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

### Description

HAVCR1 also known as Hepatitis A virus cellular receptor 1. The protein is a membrane receptor for both human hepatitis A virus (HHAV) and TIMD4. The protein may be involved in the moderation of asthma and allergic diseases. The reference genome represents an allele that retains a MTTVP amino acid segment that confers protection against atopy in HHAV seropositive individuals. Three transcript variants encoding the same protein



NKMAXBIO We support you, we believe in your research **Recombinant human TIM-1/KIM-1/HAVCR protein** Catalog Number: ATGP3034

have been found for this gene. Recombinant human HAVCR1, fused to His-tag at N-terminus, was expressed in E. coli.

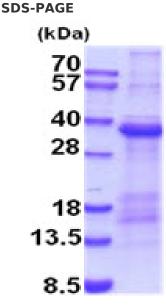
### **Amino acid Sequence**

MGSSHHHHHH SSGLVPRGSH MGSSVKVGGE AGPSVTLPCH YSGAVTSMCW NRGSCSLFTC QNGIVWTNGT HVTYRKDTRY KLLGDLSRRD VSLTIENTAV SDSGVYCCRV EHRGWFNDMK ITVSLEIVPP KVTTTPIVTT VPTVTTVRTS TTVPTTTTVP MTTVPTTTVP TTMSIPTTTT VLTTMTVSTT TSVPTTTSIP TTTSVPVTTT VSTFVPPMPL PRQNHEPVAT SPSSPOPAET HPTTLQGAIR REPTSSPLYS YTTDGNDTVT ESSDGLWNNN QTQLFLEHSL LTANTTKG

## **General References**

Wojcik G., et al. (2014) J. Infect. Dis. 209 (3), 355-359

# DATA



15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.