

Recombinant human TIM-1/KIM-1/HAVCR protein

Catalog Number: ATGP3034

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

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

Amino acid Sequence

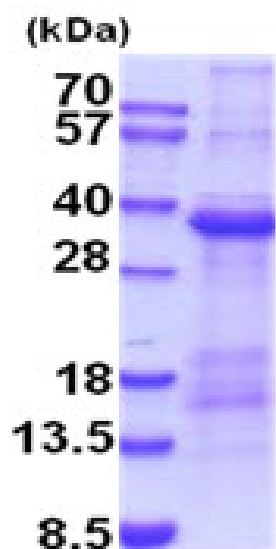
MGSSHHHHHH SGLVPRGSH MGSSVKVGGE AGPSVTL PCH YSGAVTSMCW NRGSCSLFTC QNGI VWTNGT
HVTYRKDTRY KLLGDL SRRD VSLTIENTAV SD SGVYCCRV EHRGWFNDMK ITVSLEIVPP KVT TTPIVTT VPTVTTVRTS
TTVPTTTTVP MTTVPTTTPV TTMSIPTTTT VLT TMTVSTT TSVPTTTSIP TTTSVPVTTT VSTFVPPMPL PRQNHEPVAT
SPSSQPAET HPTTLQGAIR REPTSSPLYS YTTDGN DTVT ESSDGLWNNN QTQLFLEHSL LTANTTKG

General References

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

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)