

AR51854PU-S

Human TIMD1 / HAVCR1 (21-295, His-tag) - Purified

Alternate names:

HAVCR-1, Hepatitis A virus cellular receptor 1, T cell immunoglobulin and mucin domain-containing protein 1, T cell membrane protein 1, TIM-1, TIM1, TIMD-1

Quantity:

0.1 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

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 have been found for this gene.

Uniprot ID:

[Q96D42](#)

NCBI:

[NP_001166864](#)

GeneID:

[26762](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85% by SDS - PAGE

Buffer System: Liquid, In 20mM Tris-HCl (pH8.0) containing 10% glycerol.

Description:

Recombinant human HAVCR1, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

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

Molecular weight: 31.9 kDa (298aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

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

Pictures:

