

Product Information

MemDX™ Membrane Protein Human HAVCR1 (Hepatitis A virus cellular receptor 1)

Expressed in NS0 for Antibody Discovery, Partial (21-288aa)

Cat. No.: **MPX0545K**

This product is for research use only and is not intended for diagnostic use.

This product is a 29.6 kDa Human HAVCR1 membrane protein expressed in NS0. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

HAVCR1

Protein Length

Partial (21-288aa)

Protein Class

Receptor

Molecular Weight

29.6 kDa

TMD

1

Sequence

SVKVGGEAGPSVTLPCHYSGAVTSMCWNRGSCSLFTCQNG
IVWTNGTHVTRYKDLTRYKLLGDLRRDVSLENTAVSDSGVYCCRVEHRGWFNMDKITV
SLEIVPPKVTTPIVTTVPTVTTVRTSTTVPTTTVPTTTVPTTMSIPTTTTVPTTMTVS
TTTSVPTTTSIPTTTSVPVTTTVSTFVPPMPLPRQNHEPVATSPSSPQPAETHPTTLQGA
IRREPTSSPLYSYTTDGNQTVTESSDGLWNNNQTLFLEHSLTANTT

Product Description

Activity

Yes

Expression Systems

NS0

Tag

6xHis tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 100 µg/mL in sterile PBS.

Endotoxin

<0.10 EU per 1 µg of the protein by the LAL method.

Purity

>90%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.

Buffer

Lyophilized from a 0.2 µm filtered solution in PBS.

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

HAVCR1

Full Name

Hepatitis A virus cellular receptor 1

Introduction

The protein encoded by this gene is a membrane receptor for both human hepatitis A virus (HHAV) and TIMD4. The encoded 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. Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 4, 12 and 19.

Alternative Names

HAVCR1; TIM; KIM1; TIM1; CD365; HAVCR; KIM-1; TIM-1; TIMD1; TIMD-1; HAVCR-1; T cell immunoglobulin domain and mucin domain protein 1; T-cell immunoglobulin mucin family member 1; T-cell immunoglobulin mucin receptor 1; T-cell membrane protein 1; kidney injury molecule 1; Hepatitis A virus cellular receptor 1

Gene ID

[26762](#)

UniProt ID

[Q96D42](#)