

# Product Information

## **MemDX™ Membrane Protein Human HAVCR1 (Hepatitis A virus cellular receptor 1 ) for Antibody Discovery**

Cat. No.: **MP0936J**

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

This product is a 37.1 kDa Human HAVCR1 membrane protein expressed in HEK293T. 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

Full-length

#### Protein Class

Druggable Genome, Transmembrane

#### Molecular Weight

37.1 kDa

#### TMD

1

#### Sequence

MHPQVVILSLILHLADSVAGSVKVGGEAGPSVTLPCHYSGAVTSMCWNRGSCSLFTCQNGIVWTNGTHVT  
YRKDTRYKLLGDLRRDVSLTIENTAVSDSGVYCCRVEHRGWFNDMKITVSLEIVPPKVTTPITVTTVPT  
VTTVRTSTTVPTTTTVPMTTVPTTTVPTTMSIPTTTTTLTMTVSTTTSVPTTTSIPTTTTSVPVTTTVST  
FVPPMPLPRQNHEPVATSPSSPQPAETHPTTLQGAIRREPTSSPLYSYTTDGNDTVTESSDGLWNNNQTK  
LFLEHSLLTANTTKGIYAGVCISVLVLLALLGVIIAKKYFFKKEVQQLSVSFSSLQIKALQNAVEKEVQA  
EDNIYIENSLYATD

### Product Description

#### Expression Systems

HEK293T

#### Tag

C-Myc/DDK

**Form**

Liquid

**Purification**

Anti-DDK affinity column followed by conventional chromatography steps

**Purity**

> 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer**

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

**Storage**

Store at +4°C for up to one week or several months at -80°C

**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**

TIM; KIM1; TIM1; CD365; HAVCR; KIM-1; TIM-1; TIMD1; TIMD-1; HAVCR-1

**Gene ID**

[26762](#)

**UniProt ID**

[Q96D42](#)