

Product Information

MemDX™ Membrane Protein Human HAVCR2 (Hepatitis A virus cellular receptor 2, 22-200aa) with C-6xHis-hFc for Antibody Discovery

Cat. No.: **MP1494J**

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

This product is a 47.7 kDa Human HAVCR2 membrane protein expressed in Mammalian cell. 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

HAVCR2

Protein Length

Partial (22-200aa)

Protein Class

Immune Checkpoints

Molecular Weight

47.7 kDa

TMD

1

Sequence

SEVEYRAEVGQNAYLPCFYTPAAPGNLVPVCWGKGACPVFE CGNVVLRTDERDVNYWTSRYWLNGDFRKGDVSLTIENVTLADS

Product Description

Activity

Yes

Expression Systems

Mammalian cell

Tag

C-6xHis-hFc

Form

Lyophilized powder

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration).

Endotoxin

<1.0 EU/μg

Purity

>95% as determined by SDS-PAGE

Buffer

0.2 μm filtered 1xPBS, pH 7.4

Storage

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

Target

Target Protein

HAVCR2

Full Name

Hepatitis A virus cellular receptor 2

Introduction

The protein encoded by this gene belongs to the immunoglobulin superfamily, and TIM family of proteins. CD4-positive T helper lymphocytes can be divided into types 1 (Th1) and 2 (Th2) on the basis of their cytokine secretion patterns. Th1 cells are involved in cell-mediated immunity to intracellular pathogens and delayed-type hypersensitivity reactions, whereas, Th2 cells are involved in the control of extracellular helminthic infections and the promotion of atopic and allergic diseases. This protein is a Th1-specific cell surface protein that regulates macrophage activation, and inhibits Th1-mediated auto- and alloimmune responses, and promotes immunological tolerance.

Alternative Names

CD366; FLJ14428; HAVcr-2; Havcr2; HAVR2_HUMAN; Hepatitis A virus cellular receptor 2; Kidney injury molecule 3; KIM 3; KIM3; T cell immunoglobulin and mucin domain containing 3; T cell immunoglobulin mucin 3; T-cell immunoglobulin and mucin domain-containing protein 3; T-cell immunoglobulin mucin family member 3; T-cell immunoglobulin mucin receptor 3; T-cell membrane protein 3; Tim 3; TIM-3; TIM3; TIMD-3; TIMD3; SPTCL; HAVcr-2

Gene ID

[84868](#)

UniProt ID

[Q8TDQ0](#)