

Product Information

MemDX™ Membrane Protein Human HAVCR2 (Hepatitis A virus cellular receptor 2) Full

Length

Cat. No.: **MPC3120K**

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

This product is a made-to-order Human HAVCR2 membrane protein expressed in HEK293. 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

Full length

Protein Class

Immunity

TMD

1

Sequence

MFSHLPFDCVLLLLLLLLLRSSEVEYRAEVGQNAYLPCFYTPAAPGNLVP
VCWKGKACPVFECGNVLRDTERDVNYWTSRYWLNQDFRKGDVSLTIENV
TLADSGIYCCRIQIPGIMNDEKFNKLVKPAKVTPAPTRQRDFTAAFP
MLTTRGHGPAETQTLGSLPDINLTQISTLANELRDSRLANDLRDSGATIR
IGIYIGAGICAGLALALIFGALIFKWYSHSKEKIQNLSLISLANLPSSGL
ANAVAEGRSEENIYTIENVYEEVEEPNEYCYVSSRQQPSQPLGCRFAM
P

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

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

HAVCR2; TIM3; CD366; KIM-3; SPTCL; TIMD3; Tim-3; TIMD-3; HAVcr-2; 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; kidney injury molecule-3; Hepatitis A virus cellular receptor 2

Gene ID

[84868](#)

UniProt ID

[Q8TDQ0](#)