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HAVCR1 Human, HEK

Hepatitis A Virus Cellular Receptor 1 Human Recombinant, HEK
VAG0181

Product Overview

Name	HAVCR1 Human, HEK

Description

Hepatitis A Virus Cellular Receptor 1 Human Recombinant, HEK

Accession (Primary)	Q96D42

Synonyms

Hepatitis A Virus Cellular Receptor 1, T-Cell Immunoglobulin Mucin Family Member 1, T-Cell Immunoglobulin Mucin Receptor 1, T-Cell Membrane Protein 1, Kidney Injury Molecule 1, HAVCR-1, TIMD-1, HAVCR, KIM-1, TIM-1, TIMD1, TIM1, KIM1, TIM, T-Cell Immunoglobulin And Mucin Domain-Containing Protein 1, T Cell Immunoglobin Domain And Mucin Domain Protein 1, HAVCR1.

Introduction

Hepatitis A virus cellular receptor 1 (HAVCR1) is a membrane receptor for both human hepatitis A virus (HHAV) and TIMD4. HAVCR1 is a type I trans-membrane structural glycoprotein located in the renal proximal tubule epithelial cells. HAVCR1 protein may be involved in the control of asthma and allergic diseases. The reference genome represents an allele which retains a MTTVP amino acid segment that presents defense against atopy in HHAV seropositive individuals.

Source

HEK 293.

Physical Appearance

Filtered White lyophilized (freeze-dried) powder.

Formulation

HAVCR1 was filtered (0.4 μm) and lyophilized from 0.5mg/ml solution in phosphate buffered saline and 5% (w/v) Trehalose.

Stability

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Purity

Greater than 90.0% as determined by SDS-PAGE.

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Amino acid sequence

AS SVKVGGEA GPSVTLPCHY SGAVTSMCWN RGSCSLFTCQ NGIVWTNGTH VTYRKDTRYK LLGDLSRRDV SLTIENTAVS DSGVYCCRVE HRGWFNDMKI TVSLEIVPPK VTTTPIVTTV PTVTTVRTST TVPTTTTVPM TTVPTTTVPT TMSIPTTTTV LTTMTVSTTT SVPTTTSIPT TTSVPVTTTV STFVPPMPLP RQNHEPVATS PSSPQPAETH PTTLQGAIRR EPTSSPLYSY TTDGNDTVTE SSDGLWNNNQ TQLFLEHSLL TANTT KLHHH HHH .

Solubility

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. HAVCR1 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Precautions

HAVCR1 Human, HEK is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q96D42)