
Product Data Sheet

Product Name: HAVCR1 Human, HEK

Cat. No.: GP25322

Batch No.: 1

Product Data

Purity >98%

Source HEK 293.

Physical Appearance solid

Shipping Condition Shipped at Room temp.

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 Immunoglobulin Domain And Mucin Domain Protein 1; HAVCR1.

Amino Acid Sequence ASSVKVGGEA GPSVTLPCHY SGAVTSMCWN RGSCSLFTCQ NGIVWTNGTH VTYRKDTRYK LLGDLSRRDV SLTIENTAVS DSGVYCCRVE HRGWFNDMKI TVSLEIVPPK VTTTPIVTTV PVTTVRTST TVPTTTTVPM TTVPTTTVPT TMSIPTTTTV LTTMTVSTTT SVPTTTSIPT TTSVPVTTTV STFVPPMPLP RQNHEPVATS PSSPQPAETH PTTLQGAIRR EPTSSPLYSY TTDGNDTVTE SSDGLWNNNQ TQLFLEHSLT TANTTKLHHH HHH.

Solubility It is recommended to add 200µl 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.

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

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

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

represents an allele which retains a MTTVP amino acid segment that presents defense against atopy in HHAV seropositive individuals.

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 .

Background

HAVCR1 Human Recombinant produced in HEK cells is a single, glycosylated, polypeptide chain (Ser21-Thr288) containing a total of 283 amino acids, having a calculated molecular mass of 30.5kDa. HAVCR1 is fused to a 2 aa N-terminal linker, a 2 aa C-terminal linker and a 6 aa His tag at C-Terminus.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA