
Product Data Sheet

Product Name: HAVCR1 Mouse

Cat. No.: GP25324

Batch No.: 1

Product Data

Purity >98% Source Sf9,Baculovirus cells.

Physical Appearance solid Shipping Condition Shipped with Ice Packs.

Synonyms Hepatitis A virus cellular receptor 1 homolog; HAVcr-1;Kidney injury molecule 1; KIM-1; T cell immunoglobulin and mucindomain-containing protein 1; TIMD-1; T cell membrane protein 1; T-cellimmunoglobulin mucin receptor 1; TIM-1.

Amino Acid Sequence YVEVKGVVGH PVTLPCTYST YRGITTTTCWG RGQCPSSACQ
NTLIWTNGHRVTYQKSSRYN LKGHISEGDV SLTIENSVES DSGLYCCRVE
IPGWFDQKV TFSLQVKPEI PTRPPTRPTTTRPTATGRPT TISTRSTHVP
TSIRVSTSTP PTSTHTWTHK PEPTTFCPHE TTA EVTGIPS
HTPTDWN GTVTSSGDTWSNH TEAIPPGKPQ KNPTKGHHHH HH.

Formulation HAVCR1 protein solution (0.25mg/ml) contains PhosphateBuffered Saline (pH 7.4) and 10% glycerol.

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.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

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

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HAVCR1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 222 amino acids (22-237 a.a.) and having a molecular mass of 24.4kDa (Migrates at 40-57kDa on SDS-PAGE under reducing conditions).

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