

32-13589: HAVCR1 Mouse

Alternative Name : Hepatitis A virus cellular receptor 1 homolog, HAVcr-1, Kidney injury molecule 1, KIM-1, T cell immunoglobulin and mucin domain-containing protein 1, TIMD-1, T cell membrane protein 1, T-cell immunoglobulin mucin receptor 1, TIM-1.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

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.

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).Å

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : HAVCR1 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Storage condition : 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.

Amino Acid : YVEVKGVVGH PVTLPCTYST YRGITTCWVG RGQCPSSACQ NTLIWTNGHR VTYQKSSRYN LKGHISEGDV SLTIENSVES DSGLYCCRVE IPGWFNQKV TFSLQVKPEI PTRPPTRPTT TRPTATGRPT TISTRSTHVP TSIRVSTSTP PTSTHTWTHK PEPTTFCPHE TTA EVTGIPS HTP TDWNGTV TSSGDTWSNH TEAIPPGKPQ KNPTKGHHHH HH.