

## 32-5496: Recombinant Human Hepatitis A Virus Cellular Receptor 1

**Alternative Name :** 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 Immu

### Description

Source : HEK 293. 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. 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.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 90.0% as determined by SDS-PAGE.  
**Content :** HAVCR1 was filtered (0.4µm) and lyophilized from 0.5mg/ml solution in phosphate buffered saline and 5% (w/v) Trehalose.  
**Storage condition :** 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.  
**Amino Acid :** ASSVKVGGEA GPSVTLPCHY SGAVTSMCWN RGSCSLFTCQ NGIVWTNGTH VTYRKDTRYK LLGDLRIRDV SLTIENTAVS DSGVYCCRVE HRGWFNMDKI TVSLEIVPPK VTTTPIVTTV PTVTTVRTST TVPTTTTTPM TTVPTTTVPT TMSIPTTTTV LTTMTVSTTT SVPTTTSIPT TTSVPVTTTV STFVPPMLP RQNHEPVATS PSSPQPAETH PTTLQGAIRR EPTSSPLYSY TTDGNDTVTE SSDGLWNNNQ TQLFLEHSLT TANTTKLHHH HHH.

### Application Note

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.

