

Hepatitis A Virus Cellular Receptor 1 Human Recombinant, HEK

Item Number	rAP-5212
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 Immunoglo
Description	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.
Uniprot Accession Number	Q96D42
Amino Acid Sequence	ASSVKVGGEA GPSVTLPCHY SGAVTSMCWN RGSCSLFTCQ NGIVWTNGTH VTyrKDTRYK LLGDLRRDV SLTIENTAVS DSGVYCCRVE HRGWFNMDKI TVSLEIVPPK VTTTPIVTTV PTVTTVRTST TVPTTTTVP TTVPTTTVPT TMSIPTTTTV LTTMTVSTTT SVPTTTSIPT TTSVPVTTTV STFVPPMPLP RQNHEPVATS PSSPQPAETH PTTLQGAIRR EPTSSPLYSY TTDGNDTVTE SSDGLWNNNQ TQLFLEHSLT TANTTKLHHH HHH.
Source	HEK 293.
Physical Appearance and Stability	Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	HAVCR1 was filtered (0.4µm) and lyophilized from 0.5mg/ml solution in phosphate buffered saline and 5% (w/v) Trehalose. Greater than 90.0% as determined by SDS-PAGE.
Application	
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 use.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**