

Recombinant Full Length Human HAVCR1 Protein, C-Flag-tagged

Cat. No. HAVCR1-1883HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human HAVCR1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene is a membrane receptor for both human hepatitis A virus (HHAV) and TIMD4. The encoded protein may be involved in the moderation of asthma and allergic diseases. The reference genome represents an allele that retains a MTTVP amino acid segment that confers protection against atopy in HHAV seropositive individuals. The protein is a receptor for multiple other viruses, including Ebola virus, Marburg virus, Dengue virus, and Zika virus and is a possible entry factor for SARS-CoV-2 and other coronaviruses.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	37.1 kDa
AA Sequence	MHPQVVILSLILHLADSVAGSVKVGGEAGPSVTLPCHYSGAVTSMCWNRGSCSLFT CQNGIVWTNGTHVT YRKDTRYKLLGDLRRDVSLTIENTAVSDSGVYCCRVEHRG WFNDMKITVSLEIVPPKVTTTPIVTTVPT VTTVRTSTTVPTTTTVPMTTVPTTTVPTTM SIPTTTTTLTTMTVSTTTSVPTTTTSIPTTTTSPVTTTVST FVPPMPLPRQNHEPVATSP SSPQPAETHPTTLQGAIRREPTSSPLYSYTTDGNDDVTSSDGLWNNNQTTQ LFLEH

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	SLLTANTTKGIYAGVCISVLVLLALLGVIIAKKYFFKKEVQQLSVSFSSLQIKALQNAVE KEVQA EDNIYIENSLYATD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	HAVCR1 hepatitis A virus cellular receptor 1 [Homo sapiens (human)]
Official Symbol	HAVCR1
Synonyms	TIM; KIM1; TIM1; CD365; HAVCR; KIM-1; TIM-1; TIMD1; TIMD-1; HAVCR-1
Gene ID	26762
mRNA Refseq	NM_012206.3

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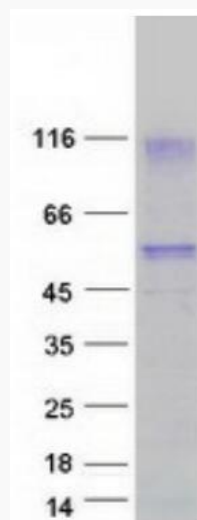
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Protein Refseq NP_036338.2

MIM 606518

UniProt ID Q96D42



Coomassie blue staining of purified HAVCR1 protein.

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