

Recombinant Human HAVCR1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HAVCR1-2931H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

HAVCR1 MS Standard C13 and N15-labeled recombinant protein (NP_036338) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

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. Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 4, 12 and 19.

Molecular Mass

39.25 kDa

AA Sequence

MHPQVVILSLILHLADSVAGSVKVGGEAGPSVTLPCHYSGAVTSMCWNRGSCSLFT
 CQNGIVWTNGTHVTYRKDTRYKLLGDLSRRDVSLTIENTAVSDSGVYCCRVEHRGW
 FNDMKITVSLEIVPPKVTTTPIVTTVPTVTTVVRTSTTVPTTTTVPMTTVPTTTVPTTMSI
 PTTTTVLTMTVSTTTSVPTTTSIPTTTSVPVTTTVSTFVPPMPLPRQNHVPVATSPS
 SPQPAETHPTTLQGAI RREPTSSPLYSYTTDGN DTVTESSDGLWNNNQTLFLEHS
 LLTANTTKGIYAGVCISVLVLLALLGVIIAKKYFFKKEVQQLSVSFSSLQIKALQNAVEK
 EVQAEDNIYIENSLYATDTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

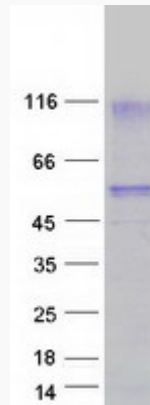
Gene Name	HAVCR1 hepatitis A virus cellular receptor 1 [Homo sapiens (human)]
Official Symbol	HAVCR1
Synonyms	HAVCR1; hepatitis A virus cellular receptor 1; HAVCR; HAVCR 1; TIM 1; TIM1; TIMD1; kidney injury molecule 1; T-cell membrane protein 1; T cell immunoglobulin domain and mucin domain protein 1; TIM; KIM1; KIM-1; TIM-1; TIMD-1; HAVCR-1;
Gene ID	26762
mRNA Refseq	NM_012206
Protein Refseq	NP_036338
MIM	606518
UniProt ID	Q96D42

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SDS-PAGE



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