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Product datasheet for PH317289

TIM 1 (HAVCR1) (NM_001099414) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HAVCR1 MS Standard C13 and N15-labeled recombinant protein (NP_001092884)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217289
Predicted MW:	39.25 kDa
Protein Sequence:	>RC217289 representing NM_001099414 Red=Cloning site Green=Tags(s) MHPQVVILSLILHLADSVAGSVKVGGEAGPSVTLPCHYSGAVTSMCWNRGSCSLFTCQNGIVWTNGTHVT YRKDTRYKLLGDLSRRDVSLTIENTAVSDSGVYCCRVEHRGWFNDMKITVSLEIVPPKVTTTPIVTTVPT VTTVRTSTTVPTTTTVPMTTVPTTTVPTTMSIPTTTTVLTTMTVSTTTSVPTTTSIPTTTSVPVTTTVST FVPPMPLPRQNHEPVATSPSSPQPAETHPTTLQGAIRREPTSSPLYSYTTDGNDTVTESSDGLWNNNQTQ LFLEHSLLTANTTKGIYAGVCISVLVLLALLGVIIAKKYFFKKEVQQLSVSFSSLQIKALQNAVEKEVQA EDNIYIENSLYATD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001092884
RefSeq Size:	1493
RefSeq ORF:	1092
Synonyms:	HAVCR; HAVCR-1; KIM-1; KIM1; TIM; TIM-1; TIM1; TIMD-1; TIMD1
Locus ID:	26762

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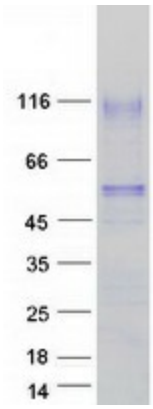
UniProt ID: Q96D42

Cytogenetics: 5q33.3

Summary: 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. [provided by RefSeq, Apr 2015]

Protein Families: Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified HAVCR1 protein (Cat# [TP317289]). The protein was produced from HEK293T cells transfected with HAVCR1 cDNA clone (Cat# [RC217289]) using MegaTran 2.0 (Cat# [TT210002]).