PRODUCT INFORMATION

Target	TIM1
Synonyms	HAVCR;HAVCR-1;KIM-1;KIM1;TIM;TIM-1;TIM1;TIMD-1;TIMD1
Description	Recombinant human TIM1 protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q96D42
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	TIM1(Ser21-Gly295) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 30.3 kDa after removal of the signal peptide. The apparent molecular mass of TIM1-His is approximately 100-130 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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]
Usage	Research use only
Conjugate	Unconjugated

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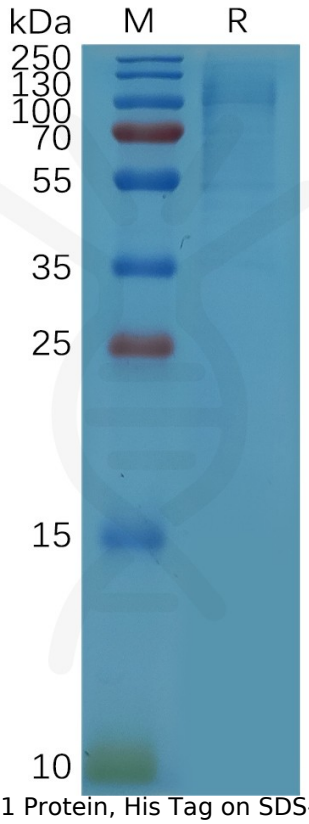


Figure 1. Human TIM1 Protein, His Tag on SDS-PAGE under reducing condition.

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