

HUMAN TIM1 PROTEIN, HIS TAG

Cat.#: 11468

Product Name: Human TIM1 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: HAVCR;HAVCR-1;KIM-1;KIM1;TIM;TIM-1;TIM1;TIMD-1;TIMD1

Target: TIM1

UNIPROT ID: Q96D42

Description: Recombinant human TIM1 protein with C-terminal 6xHis tag

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]

Species/Host: HEK293

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.

Molecular Characterization: TIM1(Ser21-Gly295) 6xHis tag

Purity: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

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.

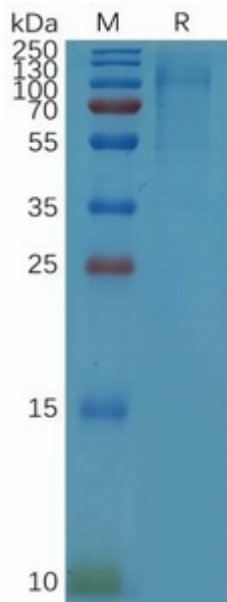


Figure 1. Human TIM1 Protein, His Tag on SDS-PAGE under reducing condition.