PRODUCT INFORMATION

Target	TIM3
Synonyms	HAVCR2; CD366; KIM-3; SPTCL; TIMD3; Tim-3; TIMD-3; HAVcr-2
Description	Recombinant human TIM3 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q8TDQ0
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	TIM3(Ser22-Gly202) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 46.1 kDa after removal of the signal peptide. The apparent molecular mass of TIM3-hFc is approximately 55-100 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% 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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Background	The protein encoded by this gene belongs to the immunoglobulin superfamily, and TIM family of proteins. CD4-positive T helper lymphocytes can be divided into types 1 (Th1) and 2 (Th2) on the basis of their cytokine secretion patterns. Th1 cells are involved in cell-mediated immunity to intracellular pathogens and delayed-type hypersensitivity reactions, whereas, Th2 cells are involved in the control of extracellular helminthic infections and the promotion of atopic and allergic diseases. This protein is a Th1-specific cell surface protein that regulates macrophage activation, and inhibits Th1-mediated auto- and alloimmune responses, and promotes immunological tolerance. [provided by RefSeq, Sep 2011]
Usage	Research use only
Conjugate	Unconjugated

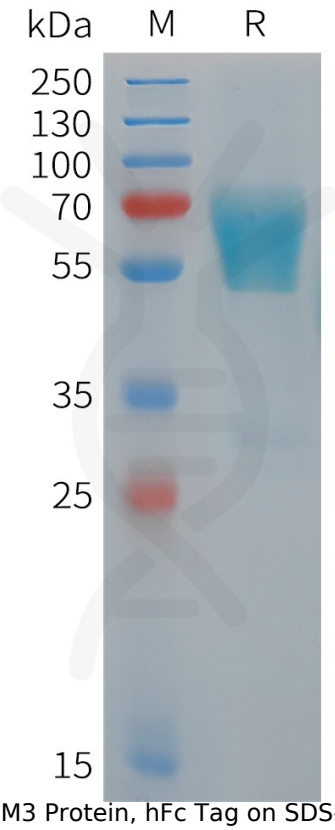

Figure 1. Human TIM3 Protein, hFc Tag on SDS-PAGE under reducing condition.