

PRODUCT INFORMATION

TIM3 **Target**

HAVCR2; CD366; KIM-3; SPTCL; TIMD3; Tim-3; **Synonyms**

TIMD-3; HAVcr-2

Recombinant human TIM3 Protein with C-terminal **Description**

human Fc tag

Delivery In Stock **Uniprot ID** Q8TDQ0 **Expression Host HEK293**

C-Human Fc tag Tag

Molecular

Purity

TIM3(Ser22-Gly202) hFc(Glu99-Ala330) Characterization

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 **Molecular Weight**

approximately 55-100 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation & lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. 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). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

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 pathogons and delayed type. intracellular pathogens and delayed-type hypersensitivity reactions, whereas, Th2 cells are involved in the control of extracellular helminthic

Background

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

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immunological tolerance. [provided by RefSeq,

Sep 2011]

Usage Research use only Conjugate Unconjugated





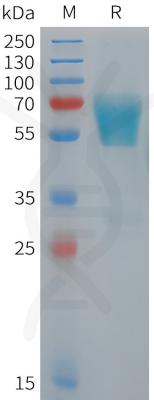


Figure 1. Human TIM3 Protein, hFc Tag on SDS-PAGE under reducing condition.

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