

## 32-17915: Recombinant Mouse TIM3 Protein, hFc Tag

**Uniprot ID :** Q8VIM0

**Alternative Name :** HAVCR2, TIMD3, FLJ14428, KIM3

### Description

Molecular Characterization: Mouse TIM3(Arg20-Thr192) hFc(Glu99-Ala330)

Molecular weight: The protein has a predicted molecular mass of 45.4 kDa after removal of the signal peptide. The apparent molecular mass of mTIM3-hFc is approximately 55-70 kDa due to glycosylation.

Description: Recombinant mouse TIM3 protein with C-terminal human Fc tag

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.

### Product Info

**Amount :** 100 µg / 50 µg

**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

**Storage condition :** 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.