

Datasheet for ABIN7491049

**TIM3 Protein (AA 20-192) (Fc Tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	TIM3 (TIM 3)
Protein Characteristics:	AA 20-192
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TIM3 protein is labelled with Fc Tag.

## Product Details

Purpose:	Recombinant mouse TIM3 protein with C-terminal human Fc tag
Specificity:	Mouse TIM3 (Arg20-Thr192) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

## Target Details

Target:	TIM3 (TIM 3)
Alternative Name:	TIM3 ( <a href="#">TIM 3 Products</a> )
Background:	The protein encoded by this gene belongs to the immunoglobulin superfamily, and TIM family

## Target Details

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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]

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

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UniProt: [Q8VIM0](#)

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Pathways: [Regulation of Lipid Metabolism by PPARalpha, Cancer Immune Checkpoints](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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

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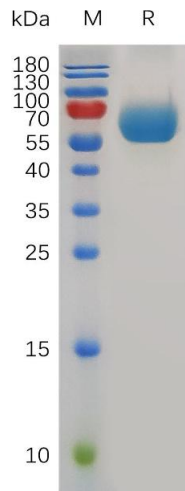
Storage: -20 °C,-80 °C

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Storage Comment: 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.

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Expiry Date: 12 months



### SDS-PAGE

**Image 1.** Mouse Protein, hFc Tag on SDS-PAGE under reducing condition.