

Datasheet for ABIN7566383

**TIMD4 Protein (AA 23-279) (Fc Tag)**[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	TIMD4
Protein Characteristics:	AA 23-279
Origin:	Human, Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TIMD4 protein is labelled with Fc Tag.

## Product Details

Purpose:	Tim-4 (mouse):Fc (human) (rec.)
Cross-Reactivity:	Human, Mouse
Characteristics:	The extracellular domain of mouse Tim-4 (aa 23-279) is fused to the N-terminus of the Fc region of human IgG1.
Purity:	>95 % (SDS-PAGE)
Endotoxin Level:	<0.01EU/µg purified protein (LAL test).
Biological Activity Comment:	Measured by its ability to inhibit anti-CD3-induced proliferation of stimulated human T cells.

## Target Details

Target:	TIMD4
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## Target Details

Alternative Name:	Tim-4 ( <a href="#">TIMD4 Products</a> )
Background:	<p>TIM4, TIMD4, T Cell Immunoglobulin and Mucin Domain-containing Protein 4</p> <p>Tim-4 (T cell immunoglobulin and mucin domain-containing protein 4) is a single-pass type I membrane protein which belongs to the immunoglobulin superfamily and TIM family. Tim-4 contains one Ig-like V-type (immunoglobulin-like) domain. It is expressed on dendritic cells and macrophages. TIM4 is expressed solely on antigen presenting cells (APCs) and is not found on T cells in contrast to TIM1 and TIM3. Tim-4 has a short intracellular domain and lacks an inward signaling motif. Tim-4 plays an important role in the proliferation of T helper type 2 (Th2) cells. Tim-4 binds to phosphatidylserine (PS) on the surface of apoptotic cells in a calcium-dependent manner and mediates phagocytosis of apoptotic cells.</p>
Molecular Weight:	~110kDa (SDS-PAGE)
UniProt:	<a href="#">Q6U7R4</a>
Pathways:	<a href="#">Cancer Immune Checkpoints</a>

## Application Details

Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	1 mg/mL after reconstitution
Concentration:	1 mg/mL
Buffer:	Contains PBS.
Handling Advice:	Avoid freeze/thaw cycles.Centrifuge lyophilized vial before opening and reconstitution.
Storage:	4 °C,-20 °C
Storage Comment:	<p>Short Term Storage: +4°C</p> <p>Long Term Storage: -20°C</p> <p>Use &amp; Stability: Stable for at least 6 months after receipt when stored at -20°C.Working aliquots are stable for up to 3 months when stored at -20°C.</p>