Datasheet for ABIN7320954

TIM3 Protein (Fc Tag)

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1 Image

Overview

Quantity:	50 µg
Target:	TIM3 (TIM 3)
Origin:	Cynomolgus
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TIM3 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Cynomolgus TIM-3/HAVCR2 Protein (Fc Tag)
Sequence:	Ser22-Arg201
Characteristics:	Recombinant Cynomolgus TIM-3 is produced by our Mammalian expression system and the target gene encoding Ser22-Arg201 is expressed with a Fc tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	TIM3 (TIM 3)
Alternative Name:	TIM-3/HAVCR2 (TIM 3 Products)
Target Type:	Virus
Background:	Background: T cell immunoglobulin and mucin domain 3 is a member of the TIM family of

Target Details

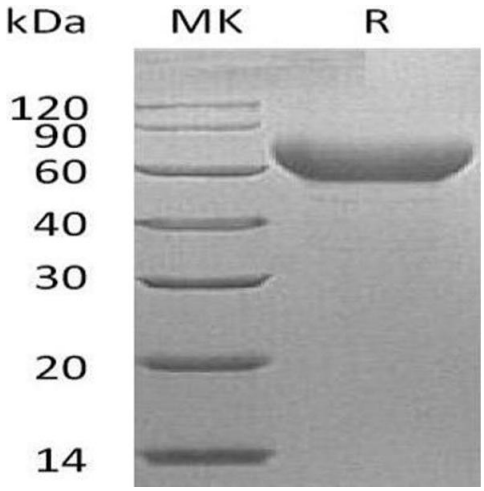
	immune regulating molecules. Mature cynomolgus TIM3 consists of a 182 amino acid (aa)extracellular domain (ECD), a 21 aa transmembrane segment, and a 78 aa cytoplasmic tail. TIM3 is up-regulated on several populations of activated myeloid cells (macrophage, monocyte, dendritic cell, microglia, mast cell) and T cells (Th1, CD8+, NK, Treg). Its binding to Galectin9 induces a range of immunosuppressive functions which enhance immune tolerance and inhibit anti-tumor immunity. TIM3 ligation attenuates CD8+ and Th1 cell responses and promotes the activity of Treg and myeloid derived suppressor cells. TIM3 interactions with Galectin-9 can trigger immune stimulatory effects, such as the coactivation of NK cell cytotoxicity. Synonym: T cell immunoglobulin and mucin domain3, HAVCR2, Tim-3, TIM3
Molecular Weight:	46.3 kDa
UniProt:	G7P6Q7
Pathways:	Regulation of Lipid Metabolism by PPARalpha, Cancer Immune Checkpoints

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.

