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Datasheet for ABIN7275733 TIMD4 Protein (AA 25-305) (His tag)

2 Images



Overview

Quantity:	100 µg
Target:	TIMD4
Protein Characteristics:	AA 25-305
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TIMD4 protein is labelled with His tag.

Product Details

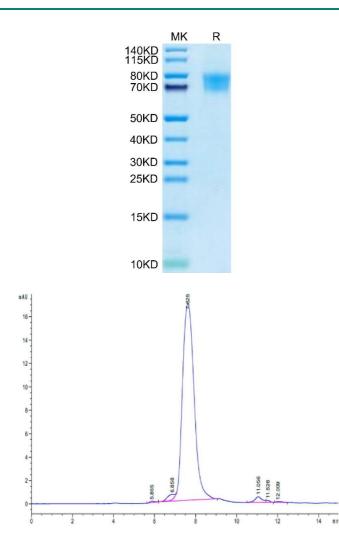
Purpose:	Cynomolgus TIM4 Protein
Sequence:	Glu25-Gln305
Characteristics:	Recombinant Cynomolgus TIM4 Protein is expressed from HEK293 with His tag at the C- Terminus.It contains Glu25-Gln305.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	TIMD4
Alternative Name:	TIM4 (TIMD4 Products)

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Target Details	
Background:	Tim4 is a transmembrane protein as the phosphatidylserine (PS) receptor, known as T cell immunoglobulin and mucin domain containing protein-4. It is expressed highly in macrophages, and macrophage Tim-4 inhibits inflammation under various conditions of immune activation.
Molecular Weight:	31.55 kDa. Due to glycosylation, the protein migrates to 70-80 kDa based on Tris-Bis PAGE result.
NCBI Accession:	XP_005558436
Pathways:	Cancer Immune Checkpoints
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. Cynomolgus TIM4 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Cynomolgus TIM4 is greater than 95 % as determined by SEC-HPLC.

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