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Datasheet for ABIN7538539
TIGIT Protein (AA 27-209) (Fc Tag)

1 Image

Overview

Quantity:	50 µg
Target:	TIGIT
Protein Characteristics:	AA 27-209
Origin:	Cynomolgus
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TIGIT protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Cynomolgus TIGIT protein with C-terminal human Fc tag
Specificity:	TIGIT (Lys27-Pro209) 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:	TIGIT
Alternative Name:	TIGIT (TIGIT Products)
Background:	This gene encodes a member of the PVR (poliovirus receptor) family of immunoglobulin proteins.

Target Details

The product of this gene is expressed on several classes of T cells including follicular B helper T cells (TFH). The protein has been shown to bind PVR with high affinity, this binding is thought to assist interactions between TFH and dendritic cells to regulate T cell dependent B cell responses.[provided by RefSeq, Sep 2009]

Molecular Weight: predicted molecular mass of 46.6 kDa after removal of the signal peptide. The apparent molecular mass of cTIGIT-hFc is 35-55 kDa due to glycosylation.

UniProt: [A0A7N9I9V4](#)

Pathways: [Cancer Immune Checkpoints](#)

Application Details

Restrictions: For Research Use only

Handling

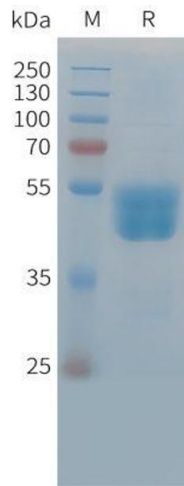
Format: Lyophilized

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

Storage: -20 °C,-80 °C

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.

Expiry Date: 12 months



SDS-PAGE

Image 1. Cynomolgus TIGIT Protein, hFc Tag on SDS-PAGE under reducing condition.