

Datasheet for ABIN7538584  
**CD137 Protein (AA 24-186) (Fc Tag)**



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1 Image

## Overview

Quantity:	50 µg
Target:	CD137 (TNFRSF9)
Protein Characteristics:	AA 24-186
Origin:	Cynomolgus
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD137 protein is labelled with Fc Tag.

## Product Details

Purpose:	Recombinant Cynomolgus 4-1BB protein with C-terminal human Fc tag
Specificity:	4-1BB (Leu24-Gln186) 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:	CD137 (TNFRSF9)
Alternative Name:	4-1BB ( <a href="#">TNFRSF9 Products</a> )
Background:	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor

## Target Details

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contributes to the clonal expansion, survival, and development of T cells. It can also induce proliferation in peripheral monocytes, enhance T cell apoptosis induced by TCR/CD3 triggered activation, and regulate CD28 co-stimulation to promote Th1 cell responses. The expression of this receptor is induced by lymphocyte activation. TRAF adaptor proteins have been shown to bind to this receptor and transduce the signals leading to activation of NF-kappaB. [provided by RefSeq, Jul 2008]

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Molecular Weight: predicted molecular mass of 43.4 kDa after removal of the signal peptide. The apparent molecular mass of c4-1BB-hFc is 55-70 kDa due to glycosylation.

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UniProt: [A9YYE7](#)

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Pathways: [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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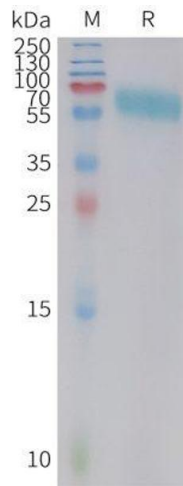
Storage: -20 °C,-80 °C

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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.** Cynomolgus 4-1BB Protein, hFc Tag on SDS-PAGE under reducing condition.