

Datasheet for ABIN1344189

CD137 Protein (AA 1-185) (Fc Tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	CD137 (TNFRSF9)
Protein Characteristics:	AA 1-185
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD137 protein is labelled with Fc Tag.
Application:	SDS-PAGE (SDS)

Product Details

Purpose:	CD137 (mouse):Fc (human) (rec.)
Cross-Reactivity:	Mouse
Characteristics:	The extracellular domain of mouse CD137 (aa 1-185) is fused at the C-terminus to the Fc portion of human IgG1.
Purity:	>95 % (SDS-PAGE)
Sterility:	Sterile filtered
Endotoxin Level:	<0.1EU/µg purified protein (LAL test).

Target Details

Target:	CD137 (TNFRSF9)
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Target Details

Alternative Name: CD137 ([TNFRSF9 Products](#))

Background: 4-1BB, TNFRSF9

CD137 (4-1BB) is a member of the tumor necrosis factor (TNF) receptor family. CD137 is expressed by activated T cells, dendritic cells, NK cells, granulocytes and cells of blood vessel walls at sites of inflammation. CD137 has costimulatory activity for activated T cells. Crosslinking of CD137 enhances T cell proliferation, IL-2 secretion survival and cytolytic activity. CD137 was shown to enhance immune activity to eliminate tumors in mice.

Molecular Weight: ~50kDa (SDS-PAGE)

UniProt: [P20334](#)

Pathways: [Cancer Immune Checkpoints](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 0.2µm filtered solution in PBS.

Handling Advice: After opening, prepare aliquots and store at -20 °C. Avoid freeze/thaw cycles. For maximum product recovery after thawing, centrifuge the vial before opening the cap.

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C

Long Term Storage: -20°C

Use & Stability: Stable for at least 2 years after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.

Expiry Date: 24 months