

Datasheet for ABIN1343969

CD137 Protein (AA 1-186) (Fc Tag)



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Overview

Quantity:	50 µg
Target:	CD137 (TNFRSF9)
Protein Characteristics:	AA 1-186
Origin:	Human
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 (human):Fc (human) (rec.)
Specificity:	Binds to human CD137L (4-1BBL).
Cross-Reactivity:	Human
Characteristics:	The cysteine-rich region of human CD137 (aa 1-186) is fused to the Fc portion of human IgG1.
Purity:	>95 % (SDS-PAGE)
Endotoxin Level:	<0.01EU/µg purified protein (LAL test).

Target Details

Target:	CD137 (TNFRSF9)
Alternative Name:	CD137 (TNFRSF9 Products)

Target Details

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:	Q07011
Pathways:	Cancer Immune Checkpoints

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with 50 µL sterile water.
Concentration:	1 mg/mL
Buffer:	Contains PBS.
Handling Advice:	After reconstitution, prepare aliquots and store at -20 °C. Avoid freeze/thaw cycles. Centrifuge lyophilized vial before opening and reconstitution. PBS containing at least 0.1 % BSA should be used for further dilutions.
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Use & Stability: Stable for at least 6 months after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
Expiry Date:	6 months