Datasheet for ABIN7318118

CD137 Protein (His tag,Fc Tag)

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Overview

Quantity:	50 µg
Target:	CD137 (TNFRSF9)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD137 protein is labelled with His tag,Fc Tag.

Product Details

Purpose:	Recombinant Human 4-1BB/TNFRSF9 Protein (Fc & His Tag)(Active)
Sequence:	Leu24-Gln186
Characteristics:	Recombinant Human 4-1BB ligand receptor is produced by our Mammalian expression system and the target gene encoding Leu24-Gln186 is expressed with a Fc; 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Immobilized Human 4-1BBL-His(Cat: PKSH032023) at 0.03µg/ml(100 µl/well) can bind Human 4-1BB-Fc. The ED50 of Human 4-1BB-Fc is 7.22 ug/ml .

Target Details

Target:	CD137 (TNFRSF9)

Target Details

Alternative Name:	4-1BB/TNFRSF9 (TNFRSF9 Products)
Background:	Background: Tumor necrosis factor receptor superfamily member 9(TNFRSF9) is an inducible T cell surface protein belonging to the TNF receptor superfamily. It is a single-pass type I membrane protein which contains 4 TNFR-Cys repeats. The human and mouse proteins share 60 % amino acid sequence identity. It is absent from naive T cells, but upregulated and continually expressed following T cell activation. It is a receptor for TNFSF9/4-1BBL, and possibly active during T cell activation. Synonym: CD137, ILA, TNFRSF9, 4-1BB ligand receptor, CDw137, T-cell antigen 4-1BB homolog, T-cell antigen ILA
Molecular Weight:	44.0 kDa
UniProt:	Q07011
Pathways:	Cancer Immune Checkpoints

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of PBS pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.