

Datasheet for ABIN7319716

CD137 Protein (mFc Tag)



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Overview

Quantity:	50 µg
Target:	CD137 (TNFRSF9)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD137 protein is labelled with mFc Tag.

Product Details

Purpose:	Recombinant Human 4-1BB/TNFRSF9 Protein (mFc Tag)
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 mFc tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CD137 (TNFRSF9)
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

Target Details

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: 43.8 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.