

Datasheet for ABIN6239777

CD137 Protein (AA 40-153) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	CD137 (TNFRSF9)
Protein Characteristics:	AA 40-153
Origin:	Human
Source:	Escherichia coli (E. coli)
Biological Activity:	Active
Purification tag / Conjugate:	This CD137 protein is labelled with His tag.
Application:	Activity Assay (AcA), Cell Culture (CC)

Product Details

Characteristics:	Tag location: N-terminal His Tag
Purity:	> 97 %
Biological Activity Comment:	TNFRSF9 (Tumor necrosis factor receptor superfamily member 9) is a member of the TNF-receptor superfamily. This receptor contributes to the clonal expansion, survival, and development of T cells. A binding ELISA assay was conducted to detect the interaction of TNFRSF9 and TNFa. Briefly, recombinant human TNFRSF9 were diluted serially in PBS, with 0.01%BSA (pH 7.4). Duplicate samples of 100uL were then transferred to TNFa-coated microtiter wells and incubated for 2h at 37°C. Wells were washed with PBST and incubated for 1h with anti-TNFRSF9 pAb, then aspirated and washed 3 times. After incubation with HRP labelled secondary antibody, wells were aspirated and washed 3 times. With the addition of substrate solution, wells were incubated 15-25 minutes at 37°C. Finally, add 50µL stop solution to the wells and read at 450nm immediately. The binding activity of TNFRSF9 and TNFa was

Product Details

shown in Figure 1, and this effect was in a dose dependent manner The binding activity of TNFRSF9 with TNFa.

Target Details

Target:	CD137 (TNFRSF9)
Abstract:	TNFRSF9 Products
Background:	Alternative Names: CD137, CDw137, 4-1BB, ILA, Induced By Lymphocyte Activation, T-cell antigen 4-1BB homolog
Molecular Weight:	16kDa
UniProt:	Q07011
Pathways:	Cancer Immune Checkpoints

Application Details

Application Notes:	Isoelectric Point: 8.3
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01 % SKL, 5 % Trehalose and Proclin300.
Preservative:	Dithiothreitol (DTT), Other preservative, ProClin
Precaution of Use:	This product contains ProClin and Dithiothreitol (DTT): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.

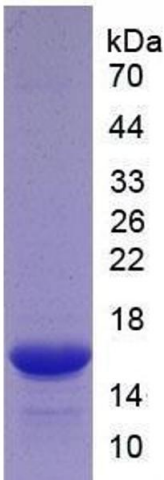


Image 1.