

# PRODUCT DATA SHEET



Complex Biotech Co., Ltd

## CD137 Recombinant Protein

Catalog: BCP3395

Host: E.coli

Tag: His-tag

His-tag

### BackGround:

TNFRSF9 is a member of the tumor necrosis factor receptor superfamily. It is also called 4-1BB or CD137. 4-1BB/CD137/TNFRSF9 is expressed in activated CD4+ and CD8+ T cells, natural killer cells and dendritic cells. The ligand 4-1BBL/CD137L/TNFSF9 on antigen presenting cells binds to 4-1BB/CD137/TNFRSF9 and costimulates the activation of T cells. The binding of agonistic antibodies to 4-1BB/CD137/TNFRSF9 also leads to costimulation for T cell activation. Studies have shown the effectiveness of targeting 4-1BB/CD137/TNFRSF9 by its agonistic antibodies in cancer immunotherapy.

### Product:

PBS, 4M Urea, PH7.4

### Molecular Weight:

~24kDa

### Swiss-Prot:

Q07011

### Purification&Purity:

Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the

purity is > 85% (by SDS-PAGE).

### Restriction Sites:

NdeI-XhoI

### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Expression Vector:

pet-22b(+)

### DATA:



SDS-PAGE Result

### Note:

For research use only, not for use in diagnostic procedure.