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## Product Datasheet

### Human CD137 protein, His tag, Unconjugated GTX00128-PRO

|                            |                                                                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Human CD137 protein, His tag, Unconjugated                                                                                                                                  |
| Biozol Catalog Number      | GTX00128-PRO                                                                                                                                                                |
| Supplier Catalog Number    | GTX00128-pro                                                                                                                                                                |
| Alternative Catalog Number | GTX00128-PRO-10                                                                                                                                                             |
| Manufacturer               | GeneTex                                                                                                                                                                     |
| Category                   | Proteine/Peptide                                                                                                                                                            |
| Application                | FA                                                                                                                                                                          |
| Species Reactivity         | Human                                                                                                                                                                       |
| Conjugation                | Unconjugated                                                                                                                                                                |
| NCBI                       | <a href="#">3604</a>                                                                                                                                                        |
| UniProt                    | <a href="#">Q07011</a>                                                                                                                                                      |
| Buffer                     | Reconstitute with 20mM Tris and 150mM NaCl to 0.1-1.0mg/ml. Do not vortex. Lyophilized from 20mM Tris, 150mM NaCl, 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose, ProClin 300. |
| Expression System          | E. coli                                                                                                                                                                     |
| Form                       | Lyophilized powder                                                                                                                                                          |
| Sequence                   | N-terminal His-Tag, Asn40~Glu153 (NP_001552.2)                                                                                                                              |

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| Application Notes | <p>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 TNFα. Briefly, recombinant human TNFRSF9 were diluted serially in PBS, with 0.01% BSA (pH 7.4). Duplicate samples of 100 µl were then transferred to TNFα-coated microtiter wells and incubated for 2h at 37C. 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 37C. Finally, add 50 µl stop solution to the wells and read at 450nm immediately. The binding activity of TNFRSF9 and TNFα was in a dose dependent manner.</p> |
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