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Product Datasheet

Human CD27 protein, His tag, Unconjugated GTX00124-PRO

Article Name	Human CD27 protein, His tag, Unconjugated
Biozol Catalog Number	GTX00124-PRO
Supplier Catalog Number	GTX00124-pro
Alternative Catalog Number	GTX00124-PRO-10
Manufacturer	GeneTex
Category	Proteine/Peptide
Application	FA
Species Reactivity	Human
Conjugation	Unconjugated
NCBI	939
UniProt	P26842
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, Ser19~Asp188 (NP_001233.1)

Application Notes

TNFRSF7 (Tumor necrosis factor receptor superfamily member 7), also known as CD27 antigen, is a member of the TNF-receptor superfamily. This receptor is thought to be involved in tumor necrosis factor-activated receptor activity by binding with TNFs. Thus, a binding ELISA assay was conducted to detect the association of TNFRSF7 with TNFa. Briefly, recombinant human TNFRSF7 were diluted serially in PBS with 0.01% BSA (pH 7.4). Duplicate samples of 100 μ l were then transferred to TNFa-coated microtiter wells and incubated for 2h at 37C. Wells were washed with PBST and incubated for 1h with anti-TNFRSF7 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 μ l stop solution to the wells and read at 450nm immediately. The binding activity of TNFRSF7 with TNFa was in a dose dependent manner.