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Product Datasheet

Human DR5 protein, His and GST tag, Unconjugated GTX00121-PRO

Article Name	Human DR5 protein, His and GST tag, Unconjugated
Biozol Catalog Number	GTX00121-PRO
Supplier Catalog Number	GTX00121-pro
Alternative Catalog Number	GTX00121-PRO-10
Manufacturer	GeneTex
Category	Proteine/Peptide
Application	FA
Species Reactivity	Human
Conjugation	Unconjugated
NCBI	8795
UniProt	O14763
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 and GST-Tag, Ser234~Ala435 [®] (NP_003833.4)

Application Notes

TNFRSF10B (Tumor necrosis factor receptor superfamily member 10B) is a member of the TNF-receptor superfamily, and contains an intracellular death domain. By binding to certain ligand, this receptor transduces an apoptosis signal. A binding ELISA assay was conducted to detect the association of FAS with TNFa. Briefly, FAS were diluted serially in PBS, with 0.01% BSA (pH 7.4). Duplicate samples of 100 μ l FAS 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-FAS 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 FAS and TNFa was in a dose dependent manner.