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Product Datasheet

Human TWEAKR protein, His and GST tag, Unconjugated GTX00120-PRO

Article Name	Human TWEAKR protein, His and GST tag, Unconjugated
Biozol Catalog Number	GTX00120-PRO
Supplier Catalog Number	GTX00120-pro
Alternative Catalog Number	GTX00120-PRO-10
Manufacturer	GeneTex
Category	Proteine/Peptide
Application	FA
Species Reactivity	Human
Conjugation	Unconjugated
NCBI	51330
UniProt	Q9NP84
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, Ser24~Ala126 (NP_057723.1)

Application Notes	TNFRSF12A (Tumor necrosis factor receptor superfamily member 12A) belongs to the Tumor necrosis factor receptor superfamily. TNFRSF12A is thought to induce apoptosis weakly in some cell types and promotes angiogenesis and the proliferation of endothelial cells. A binding ELISA assay was conducted to detect the association of TNFRSF12A with TNFα. Briefly, TNFRSF12A were diluted serially in PBS, with 0.01% BSA (pH 7.4). Duplicate samples of 100 μl TNFRSF12A 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-TNFRSF12A 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 TNFRSF12A and TNFα was in a dose dependent manner.
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