

Human TWEAKR protein, His and GST tag

Cat. No. GTX00120-pro

Applications	Functional Assay
Species	Human

Package

10 µg

Applications

Application Note

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 TNF α . Briefly, TNFRSF12A were diluted serially in PBS, with 0.01% BSA (pH 7.4). Duplicate samples of 100 µl TNFRSF12A were then transferred to TNF α -coated microtiter wells and incubated for 2h at 37°C. 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 37°C. Finally, add 50 µl stop solution to the wells and read at 450nm immediately. The binding activity of TNFRSF12A and TNF α was in a dose dependent manner.

Observed MW (kDa)	44 kDa.
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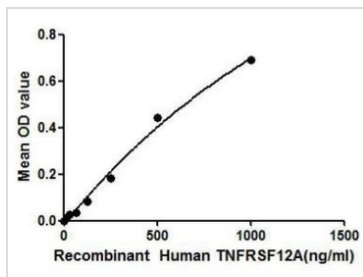
Properties

Form	Lyophilized powder
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.
Preservative	ProClin 300
Storage	For short-term storage (1-2 weeks), store at 4°C. For long-term storage, store at -20°C or below. After reconstitution, keep as concentrated solution. Avoid freeze-thaw cycles.
Region/Sequence	N-terminal His and GST-Tag; Ser24~Ala126 (NP_057723.1)
Expression System	E. coli
Purity	> 80%
Endotoxin	< 1 EU/µg
Conjugation	Unconjugated
Note	For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



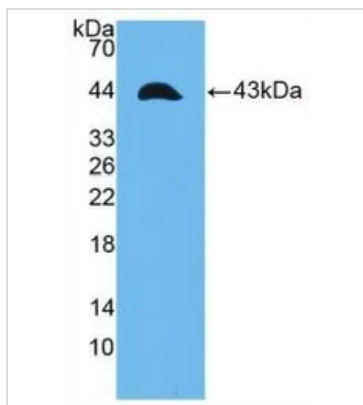
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DATA IMAGES



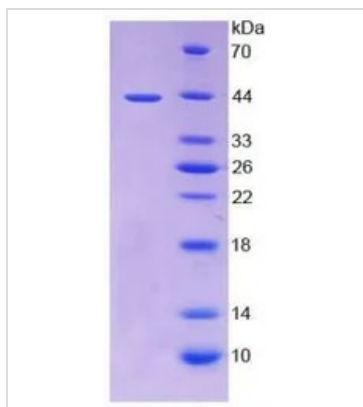
GTX00120-pro Functional Assay Image

Functional ELISA analysis of GTX00120-pro Human TWEAKR protein which can bind immobilized TNF alpha protein.



GTX00120-pro Image

WB analysis of GTX00120-pro Human TWEAKR protein.



GTX00120-pro Image

SDS-PAGE analysis of GTX00120-pro Human TWEAKR protein.



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