

Tumor Necrosis Factor Receptor Superfamily, Member 7 (TNFRSF7) Active Protein | TNFRSF7 active protein

Active Tumor Necrosis Factor Receptor Superfamily, Member 7 (TNFRSF7)

CATALOG # AAA148126	REACTIVITY Human	APPLICATIONS Activity Assay, Cell Culture
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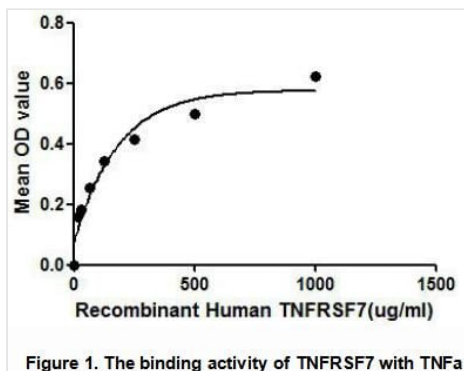
PRODUCT SYNONYMS

Tumor Necrosis Factor Receptor Superfamily; Member 7 (TNFRSF7); Active Tumor Necrosis Factor Receptor Superfamily; CD27; S152; T14; Tp55; CD27L receptor; TNFRSF7 active protein

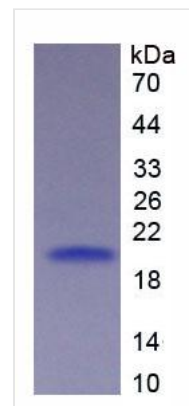
PRODUCT SPECIFICATIONS

Reactivity	Human
Purity/Purification	> 95%
Form/Format	Freeze-dried powder
Sequence Length	260
Applicable Applications for TNFRSF7 active protein	Activity Assay, Cell Culture
Tag	N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Fragment	Ser19~Asp188
Isoelectric Point	7.2

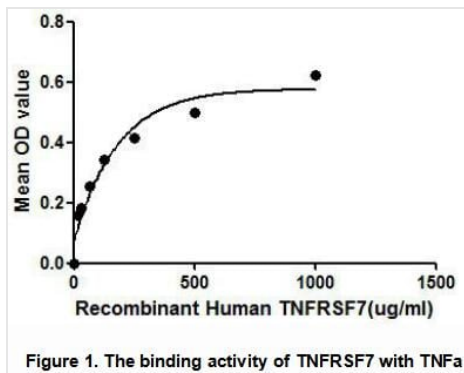
IMAGES



Application Data



SDS-PAGE



Activity

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 TNFα. Briefly, recombinant human TNFRSF7 were diluted serially in PBS with 0.01%BSA (pH 7.4). Duplicate samples of 100uL were then transferred to TNFα-coated microtiter wells and incubated for 2h at 37 degree C. 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 37 degree C. Finally, add 50uL stop solution to the wells and read at 450nm immediately. The binding activity of TNFRSF7 with TNFα was shown in Figure 1 and this effect was in a dose dependent manner.

ADDITIONAL INFORMATION

Product Categories/Family for TNFRSF7 active protein

Signal transduction; CD & Adhesion molecule; Apoptosis; Immune molecule

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507587
NCBI GeneID	939
NCBI Accession #	NP_001233.1
NCBI GenBank Nucleotide #	NM_001242.4
UniProt Accession #	P26842; B2RDZ0
Molecular Weight	Predicted Molecular Weight: 20.1kDa Accurate Molecular Weight: 20kDa
NCBI Official Full Name	CD27 antigen
NCBI Official Synonym Full Names	CD27 molecule
NCBI Official Symbol	CD27
NCBI Official Synonym Symbols	T14; S152; Tp55; TNFRSF7; S152. LPFS2
NCBI Protein Information	CD27 antigen
UniProt Protein Name	CD27 antigen
UniProt Gene Name	CD27
UniProt Synonym Gene Names	TNFRSF7

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.