

Tumor Necrosis Factor Receptor Superfamily, Member 9 (TNFRSF9) Active Protein | TNFRSF9 active protein

Active Tumor Necrosis Factor Receptor Superfamily, Member 9 (TNFRSF9)

CATALOG # AAA148133	REACTIVITY Human	APPLICATIONS Activity Assay, Cell Culture
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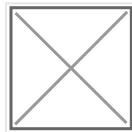
PRODUCT SYNONYMS

Tumor Necrosis Factor Receptor Superfamily; Member 9 (TNFRSF9); Active Tumor Necrosis Factor Receptor Superfamily; CD137; CDw137; 4-1BB; ILA; Induced By Lymphocyte Activation; T-cell antigen 4-1BB homolog; TNFRSF9 active protein

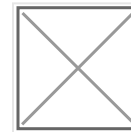
PRODUCT SPECIFICATIONS

Reactivity	Human
Purity/Purification	> 97%
Form/Format	Freeze-dried powder
Sequence Length	255
Applicable Applications for TNFRSF9 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	Asn40~Glu153
Isoelectric Point	8.3

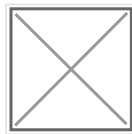
IMAGES



Application Data



SDS-PAGE



Activity

TNFRSF9 (Tumor necrosis factor receptor superfamily member 9) is a member of the TNF-receptor superfamily. This receptor contributes to the clonal expansion, survival, and development of T cells. A binding ELISA assay was conducted to detect the interaction of TNFRSF9 and TNFa. Briefly, recombinant human TNFRSF9 were diluted serially in PBS, with 0.01%BSA (pH 7.4). Duplicate samples of 100uL were then transferred to TNFa-coated microtiter wells and incubated for 2h at 37 degree C. Wells were washed with PBST and incubated for 1h with anti-TNFRSF9 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 TNFRSF9 and TNFa was shown in Figure 1, and this effect was in a dose dependent manner.

ADDITIONAL INFORMATION

Product Categories/Family for TNFRSF9 active protein	CD & Adhesion molecule
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5730095
NCBI GeneID	3604
NCBI Accession #	NP_001552.2
NCBI GenBank Nucleotide #	NM_001561.5
UniProt Accession #	Q07011
Molecular Weight	Predicted Molecular Weight: 13.6kDa Accurate Molecular Weight: 16kDa
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 9
NCBI Official Synonym Full Names	TNF receptor superfamily member 9
NCBI Official Symbol	TNFRSF9
NCBI Official Synonym Symbols	ILA; 4-1BB; CD137; CDw137
NCBI Protein Information	tumor necrosis factor receptor superfamily member 9
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 9
UniProt Gene Name	TNFRSF9
UniProt Synonym Gene Names	CD137; ILA

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.

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Online datasheet: <https://stage.aaabiotech.com/human-active-protein/tumor-necrosis-factor-receptor-superfamily-member-9-tnfrsf9/148133>