

Tumor Necrosis Factor Receptor Superfamily, Member 10B (TNFRSF10B) Active Protein | TNFRSF10B active protein

Active Tumor Necrosis Factor Receptor Superfamily, Member 10B (TNFRSF10B)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA148181	E Coli	Human	Activity Assay, Cell Culture

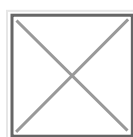
PRODUCT SYNONYMS

Tumor Necrosis Factor Receptor Superfamily; Member 10B (TNFRSF10B); Active Tumor Necrosis Factor Receptor Superfamily; CD262; DR5; KILLER; TRAILR2; TRICK2; TRICK2A; TRICK2B; TRICKB; ZTNFR9; Death receptor 5; TNF-related apoptosis-inducing ligand receptor 2; TNFRSF10B active protein

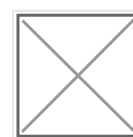
PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Human
Purity/Purification	> 97%
Form/Format	Freeze-dried powder
Sequence Length	440
Applicable Applications for TNFRSF10B active protein	Activity Assay, Cell Culture
Tag	N-terminal His and GST Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Fragment	Ser234~Ala435
Isoelectric Point	5.6

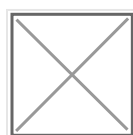
IMAGES



Application Data



SDS-PAGE



Activity

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 100uL FAS 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-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 37 degree C. Finally, add 50uL stop solution to the wells and read at 450nm immediately. The binding activity of FAS and TNFa was shown in Figure 1, and this effect was in a dose dependent manner.

ADDITIONAL INFORMATION

Product Categories/Family for TNFRSF10B active protein	CD & Adhesion molecule; Apoptosis; Infection immunity
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NCBI AND UNIPROT INFORMATION

NCBI GI #	224494019
NCBI GeneID	8795
NCBI Accession #	NP_003833.4
NCBI GenBank Nucleotide #	NM_003842.4
UniProt Accession #	O14763; O14720; O15508; O15517; O15531; Q6UXM8; Q7Z360; Q9BVE0
Molecular Weight	Predicted Molecular Weight: 52.5kDa Accurate Molecular Weight: 53kDa
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 10B isoform 1
NCBI Official Synonym Full Names	TNF receptor superfamily member 10b
NCBI Official Symbol	TNFRSF10B
NCBI Official Synonym Symbols	DR5; CD262; KILLER; TRICK2; TRICKB; ZTNFR9; TRAILR2; TRICK2A; TRICK2B; TRAIL-R2; KILLER/DR5
NCBI Protein Information	tumor necrosis factor receptor superfamily member 10B
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 10B
UniProt Gene Name	TNFRSF10B
UniProt Synonym Gene Names	DR5; KILLER; TRAILR2; TRICK2; ZTNFR9; TRAIL receptor 2; TRAIL-R2

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/e-coli-human-active-protein/tumor-necrosis-factor-receptor-superfamily-member-10b-tnfrsf10b/148181>