

Factor Related Apoptosis (FAS) Active Protein | FAS active protein

Active Factor Related Apoptosis (FAS)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA148153	E Coli	Human	Activity Assay, Cell Culture

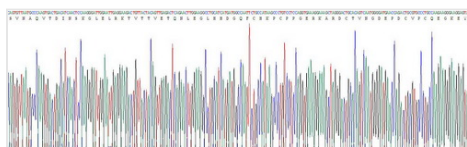
PRODUCT SYNONYMS

Factor Related Apoptosis (FAS); Active Factor Related Apoptosis (FAS); CD95; ALPS1A; ALPS1-A; APO1; APT1; FAS1; FASTM; TNFRSF6; Fas Receptor; TNF Receptor Superfamily Member 6; Tumor Necrosis Factor Receptor Superfamily Member 6; FAS active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Human
Purity/Purification	> 95%
Form/Format	Freeze-dried powder
Sequence Length	335
Applicable Applications for FAS active protein	Activity Assay, Cell Culture
Tag	Two N-terminal Tags, His-tag and MBP-tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Fragment	Ser22~Ser172
Isoelectric Point	5.8

IMAGES



Application Data

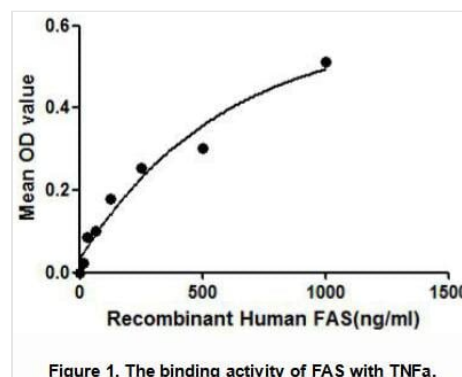
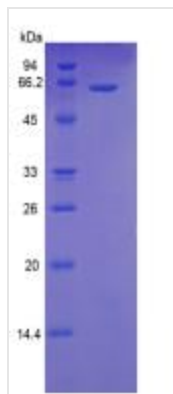


Figure 1. The binding activity of FAS with TNFa.

Application Data



SDS-PAGE

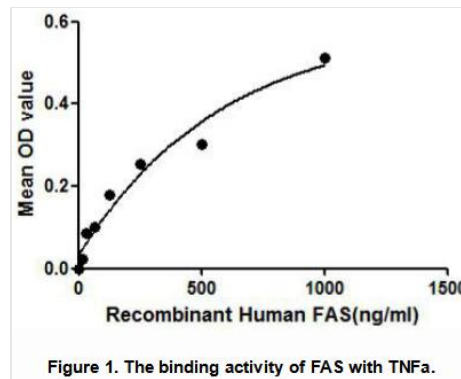


Figure 1. The binding activity of FAS with TNFα.

Activity

FAS (Tumor necrosis factor receptor superfamily member 6) belongs to the tumor necrosis factor receptor superfamily. FAS contains a death domain, which has been shown to play a central role in the physiological regulation of programmed cell death. A binding ELISA assay was conducted to detect the association of FAS with TNFα. Briefly, FAS were diluted serially in PBS, with 0.01%BSA (pH 7.4). Duplicate samples of 100uL FAS 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-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 TNFα was shown in Figure 1, and this effect was in a dose dependent manner.

ADDITIONAL INFORMATION

Product Categories/Family for FAS
active protein

Apoptosis; Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507583
NCBI GeneID	355
NCBI Accession #	NP_000034.1
NCBI GenBank Nucleotide #	NM_000043.5
UniProt Accession #	P25445; Q14292; Q14293; Q14294; Q14295; Q16652; Q5T9P1; Q5T9P2; Q5T9P3; Q6SSE9; A9UJX4; B6VNV4
Molecular Weight	Predicted Molecular Weight: 66.9kDa Accurate Molecular Weight: 66kDa
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 6 isoform 1
NCBI Official Synonym Full Names	Fas cell surface death receptor
NCBI Official Symbol	FAS
NCBI Official Synonym Symbols	APT1; CD95; FAS1; APO-1; FASTM; ALPS1A; TNFRSF6
NCBI Protein Information	tumor necrosis factor receptor superfamily member 6
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 6
UniProt Gene Name	FAS
UniProt Synonym Gene Names	APT1; FAS1; TNFRSF6

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.

