

## Active Recombinant Human FAS protein, His-MBP-tagged

Cat. No. FAS-616H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Active Recombinant Human FAS protein(P25445)(22~172 aa), fused with N-terminal His tag and MBP tag, was expressed in E.coli.

**Species** Human

**Source** E.coli

**ProteinLength** 22-172 aa

**Form** Lyophilized from sterile 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

**Bio-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 TNF $\alpha$ . Briefly, FAS were diluted serially in PBS, with 0.01%BSA (pH 7.4). Duplicate samples of 100uL FAS were then transferred to TNF $\alpha$ -coated microtiter wells and incubated for 2h at 37°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°C. Finally, add 50 $\mu$  stop solution to the wells and read at 450nm immediately. The binding activity of FAS and TNF $\alpha$  was shown, and this effect was in a dose dependent manner.

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<b>Molecular Mass</b>	66.9kDa
<b>Endotoxin</b>	<1.0EU per 1µg (determined by the LAL method).
<b>Purity</b>	> 95% as determined by SDS-PAGE.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at -20°C for 12 months. Aliquot and store at -80°C for 12 months.
<b>Reconstitution</b>	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">FAS Fas (TNF receptor superfamily, member 6) [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">FAS</a>
<b>Synonyms</b>	FAS; Fas (TNF receptor superfamily, member 6); APT1, FAS1, TNFRSF6, tumor necrosis factor receptor superfamily, member 6; tumor necrosis factor receptor superfamily member 6; APO 1; CD95; Fas AMA; FAS 827dupA; CD95 antigen; FASLG receptor; apoptosis antigen 1; Delta Fas/APO-1/CD95; APO-1 cell surface antigen; apoptosis-mediating surface antigen FAS; tumor necrosis factor receptor superfamily, member 6; APT1; FAS1; APO-1; FASTM; ALPS1A; TNFRSF6;
<b>Gene ID</b>	<a href="#">355</a>
<b>mRNA Refseq</b>	<a href="#">NM_000043</a>
<b>Protein Refseq</b>	<a href="#">NP_000034</a>

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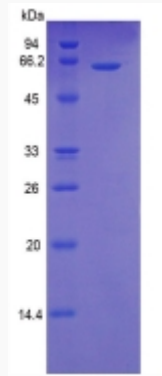
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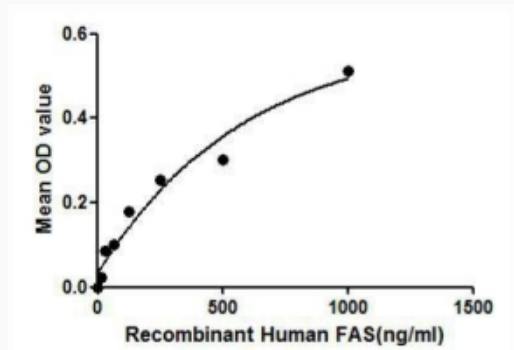
**MIM** 134637

**UniProt ID** P25445

**SDS-PAGE**



**Activity**



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