

Active Recombinant Human FAS, Fc-tagged, Biotinylated

Cat. No. FAS-603H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant human Fas-Fc fusion is expressed as a 376 amino acid protein consisting of Gln26 - Asn173 region of Fas (UniProt accession #P25445) and a C-terminal Fc from human IgG1, which exists as a dimer under non-reducing conditions
Species	Human
Source	Human Cells
ProteinLength	26-173 a.a.
Form	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier & preservative free). The purified recombinant protein was labeled with Biotin (3-5 Biotin per molecule).
Bio-activity	Binds to its ligand FasL and inhibits FasL-induced apoptosis in human acute T cell leukemia Jurkat cells.
Molecular Mass	Calculated molecular mass (kDa): 42.2; Estimated by SDS-PAGE under reducing condition (kDa): 55-60
Endotoxin	<0.1 eu per 1 µg of purified recombinant protein determined by the
Purity	>95% judged by SDS-PAGE under reducing condition
Storage	The product is shipped at 4°C. Upon receipt, centrifuge the product briefly before opening the vial. It is recommended to store small aliquots at the temperature below

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–20°C for long-term storage and the product is stable for 3 months. The undiluted protein can be stored at 4°C for no more than 2 weeks. Avoid repeated freeze-thaw cycles.

Conjugation Biotin

GENE INFORMATION

Gene Name [FAS Fas \(TNF receptor superfamily, member 6\) \[Homo sapiens \]](#)

Official Symbol FAS

Synonyms

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;

Gene ID [355](#)

mRNA Refseq [NM_000043](#)

Protein Refseq [NP_000034](#)

MIM [134637](#)

UniProt ID [P25445](#)

Chromosome Location 10q24.1

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Pathway

Activation of Pro-Caspase 8, organism-specific biosystem; Adipogenesis, organism-specific biosystem; African trypanosomiasis, organism-specific biosystem; African trypanosomiasis, conserved biosystem; Allograft rejection, organism-specific biosystem; Allograft rejection, conserved biosystem; Alzheimers disease, organism-specific biosystem;

Function

binding; identical protein binding; kinase binding; protein binding; receptor activity; receptor activity; signal transducer activity; transmembrane signaling receptor activity; tumor necrosis factor-activated receptor activity;

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