

Recombinant Human Fas Ligand Inhibitor, Fc-tagged

Cat. No. FAS-37H Lot. No. (See product label)

SPECIFICATION

Product Overview	Produced in HEK 293 cells. The extracellular domain of human Fas (CD95; APO-1)(aa 7-154) is fused to the Fc portion of human IgG1. Purified by multi-step chromatography.
Species	Human
ProteinLength	7-154 a.a.
Form	50 µg lyophilized, contains PBS.
Molecular Mass	~56 kDa
Endotoxin	Endotoxin content is <0.1 eu/µg purified protein as determined by lal test.>
Purity	≥95% as determined by SDS-PAGE.
Characteristic	Inhibits the apoptosis-inducing activity of Fas Ligand. Binds FasL.
Applications	Functional Application: Inhibition of FAS Ligand activity in human and mouse: The apoptosis-inducing activity of FasL is inhibited by concentrations of 20-100 µg/mL of the fusion protein.
Usage	For in vitro research use only. Not for use in diagnostics or in humans.

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Storage Store at -20°C. After reconstitution, aliquot and store at -20°C. Avoid repeated freeze/thaw cycles (activity may decrease).

Warning No warranties, expressed or implied, are made regarding the use of this product. Creative Biomart is not liable for any damage, personal injury, or economic loss caused by this product.

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 10q24.1

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Location**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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