

Recombinant Human Fas (TNF Receptor Super Family, Member 6)

Cat. No. FAS-1411H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant, human soluble APO-1/Fas:Fc-IgG (aa.1-154) is produced in human embryo kidney cells. MW= 60 kDa.
Species	Human
Source	HEK293
ProteinLength	1-154 a.a.
Description	Apo-1 (Fas/CD95) is a 45 kD type I transmembrane protein belonging to the TNF receptor family. A subgroup of this receptor family called "death receptors" contain 3-4 cysteine-rich repeats in the extracellular portion and a cytoplasmic motif called the "death domain", which is responsible for the transduction of the death signal. The death domain associates with FADD/MORT, which in turn connects to aspartate-specific proteases (Caspases) that are implicated as mediators of most types of apoptotic cell death (6-9).
Presentation And Handling	sAPO-1/Fas is provided as lyophilized powder. Prepare a concentrated stock solution of APO-1/Fas:Fc-IgG (1 mg/ml in PBS) by dissolving the entire preparation (50 g) in 50 µsterile H ₂ O. Further dilutions should be made with medium containing 5% fetal calf serum.
Purity	>95% pure as demonstrated by SDS-PAGE.

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Biological Activity

Recombinant, human soluble APO-1/Fas:Fc-IgG inhibits the activity of APO-1/Fas ligand of human and mouse.

GENE INFORMATION
Gene Name

FAS Fas (TNF receptor superfamily, member 6) [Homo sapiens]

Synonyms

FAS; Fas (TNF receptor superfamily, member 6); APT1; CD95; FAS1; APO-1; FASTM; ALPS1A; TNFRSF6; tumor necrosis factor receptor superfamily, member 6; Fas AMA; CD95 antigen; apoptosis antigen 1; APO-1 cell surface antigen

Gene ID

355

mRNA Refseq

NM_000043

Protein Refseq

NP_000034

MIM

134637

UniProt ID

P25445

**Chromosome
Location**

10q24.1

Pathway

Allograft rejection; Alzheimer"s disease; Apoptosis; Autoimmune thyroid disease; Cytokine-cytokine receptor interaction; Graft-versus-host disease; MAPK signaling pathway; Natural killer cell mediated cytotoxicity; Type I diabetes mellitus; Apoptosis

Function

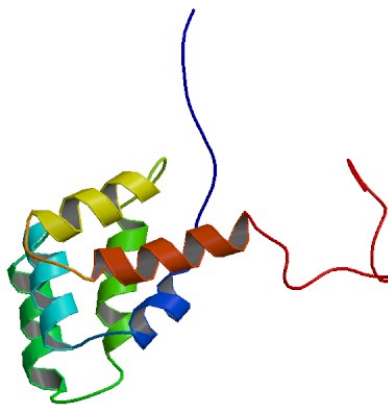
identical protein binding; kinase binding; transmembrane receptor activity

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on 1ddf.



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