Active Recombinant Human FAS, Fc-tagged

Cat. No. FAS-239H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The Fc portion of human IgG1 is fused to the C-terminus of human Fas (aa 26-170).
Species	Human
Source	HEK293
ProteinLength	26-170 a.a.
Description	FasL is a cytokine that binds to Fas/TNFRSF6, a receptor that transduces the apoptotic signal into cells. FasL is involved in cytotoxic T cell mediated apoptosis and in T cell development.
Form	Lyophilized. Contains PBS.
Bio-activity	Blocks the binding of FasL to Fas.
Molecular Mass	~47kDa (SDS-PAGE)
Purity	≥95% (SDS-PAGE)
Stability	Stable for at least 6 months after receipt when stored at -20°C.
Storage	Short Term Storage: +4°C; Long Term Storage: -20°C. After reconstitution, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles. PBS containing at least 0.1% BSA should be used for further dilutions.

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Concentration	1mg/ml after reconstitution.

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
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

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	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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