Active Recombinant Human FASLG, Fc-tagged

Cat. No. FASLG-245H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FasL (aa 139-281) is fused at the N-terminus to the Fc portion of human IgG1.
Species	Human
Source	HEK293
Description	Fc (human):FasL, Soluble (human) is a high activity construct in which two trimeric FasL are artificially linked via the Fc binding domain of human IgG1. This construct very effectively simulates the natural membrane-assisted aggregation of FasL in vivo. FasL is a cytokine that binds to TNFRSF6/Fas, a receptor that transduces the apoptotic signal into cells. It is involved in cytotoxic T cell mediated apoptosis and in T cell development.
Form	Lyophilized. Contains PBS.
Bio-activity	Induces apoptosis of human Jurkat T cells at a concentration of<0.2ng l.="">
Molecular Mass	~50kDa (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

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	aliquots and store at -20°C. Avoid freeze/thaw cycles. PBS containing at least 0.1% BSA should be used for further dilutions.
Concentration	0.1mg/ml after reconstitution.

GENE INFORMATION

Gene Name	FASLG Fas ligand (TNF superfamily, member 6) [Homo sapiens]
Official Symbol	FASLG
Synonyms	FASLG; Fas ligand (TNF superfamily, member 6); APT1LG1, TNFSF6, tumor necrosis factor (ligand) superfamily, member 6; tumor necrosis factor ligand superfamily member 6; CD178; FasL; APTL; CD95 ligand; fas antigen ligand; apoptosis antigen ligand; apoptosis (APO-1) antigen ligand 1; tumor necrosis factor (ligand) superfamily, member 6; FASL; CD95L; CD95-L; TNFSF6; APT1LG1;
Gene ID	356
mRNA Refseq	NM_000639
Protein Refseq	NP_000630
MIM	134638
UniProt ID	P48023
Chromosome Location	1q23
Pathway	Activation of Pro-Caspase 8, organism-specific biosystem; African trypanosomiasis,

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	organism-specific biosystem; African trypanosomiasis, conserved biosystem; Allograft rejection, organism-specific biosystem; Allograft rejection, conserved biosystem; Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem;
Function	cytokine activity; protein binding; receptor binding; tumor necrosis factor receptor binding;

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