

## Active Recombinant Human FASLG Protein (139-281, Multimeric), FLAG tagged

Cat. No. FASLG-12H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human FasL (aa 139-281) is fused at the N-terminus to mouse ACRP30headless (aa 18-111) and a FLAG-tag.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	139-281
<b>Description</b>	<p>This gene is a member of the tumor necrosis factor superfamily. The primary function of the encoded transmembrane protein is the induction of apoptosis triggered by binding to FAS. The FAS/FASLG signaling pathway is essential for immune system regulation, including activation-induced cell death (AICD) of T cells and cytotoxic T lymphocyte induced cell death. It has also been implicated in the progression of several cancers. Defects in this gene may be related to some cases of systemic lupus erythematosus (SLE). Alternatively spliced transcript variants have been described.</p>
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	Induces apoptosis of human Jurkat T cells at a concentration of < 0.2 ng/mL.
<b>Molecular Mass</b>	~40kDa (SDS-PAGE)
<b>Endotoxin</b>	<0.02 EU/μg purified protein (LAL test).

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<b>Purity</b>	≥95% (SDS-PAGE)
<b>Stability</b>	Stable for at least 6 months after receipt when stored at -20 centigrade. Working aliquots are stable for up to 3 months when stored at -20 centigrade.
<b>Storage</b>	Short Term Storage: +4 centigrade Long Term Storage: -20 centigrade
<b>Concentration</b>	0.1 mg/mL after reconstitution.
<b>Storage Buffer</b>	Lyophilized. Contains PBS.
<b>Reconstitution</b>	Reconstitute with 100 µL sterile water.
<b>Handling</b>	After reconstitution, prepare aliquots and store at -20 centigrade. Avoid freeze/thaw cycles. Centrifuge lyophilized vial before opening and reconstitution. PBS containing at least 0.1% BSA should be used for further dilutions.
<b>Shipping</b>	BLUE ICE
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	FASLG Fas ligand [ Homo sapiens (human) ]
<b>Official Symbol</b>	FASLG
<b>Synonyms</b>	FASLG; Fas ligand; APTL; FASL; CD178; CD95L; ALPS1B; CD95-L; TNFSF6; TNLG1A; APT1LG1; tumor necrosis factor ligand superfamily member 6; CD95 ligand; Fas ligand (TNF superfamily, member 6); apoptosis (APO-1) antigen ligand 1; apoptosis antigen ligand; fas antigen ligand; mutant tumor necrosis factor family

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member 6; tumor necrosis factor ligand 1A

**Gene ID** 356

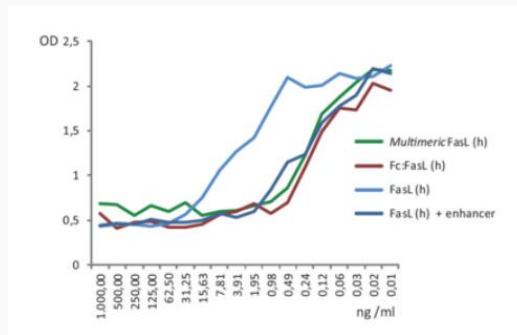
**mRNA Refseq** NM\_000639

**Protein Refseq** NP\_000630

**MIM** 134638

**UniProt ID** P48023

**Oligomerisation of FasL (h) efficiently triggers Jurkat cell death.**



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