

## Datasheet for ABIN935363 **FASL Protein**



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### Overview

Quantity:	10 µg
Target:	FASL
Origin:	Human
Source:	CHO Cells
Protein Type:	Recombinant
Biological Activity:	Active

### Product Details

Sequence:	HHHHHHHPS PPPEKKELRK VAHLTGKSNS RSMPLWEDT YGIVLLSGVK YKKGGLVINE TGLYFVYSKV YFRGQSCNNL PLSHKVYMRN SKYPQDLVMM EGKMMSYCTT GQMWARSSYL GAVFNLT SAD HLYVNVSELS LVNFEE SQTF FGLYKL
Characteristics:	Purified soluble Human FasL protein Expression System: CHO cells Bioactivity: Determined by its ability to induce cytotoxicity in Jurkat cells in the absence of any cross-linking. The ED50 for this effect is ? 10.0 ng/mL, corresponding to a specific activity of ? 1 x 10 <sup>5</sup> units/mg.
Purity:	> 95 % pure
Endotoxin Level:	< 0.1 ng per µg (1 EU/µg).

### Target Details

Target:	FASL
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## Target Details

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Alternative Name: FasL ([FASL Products](#))

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Background: Fas and Fas Ligand (FasL) belong to the TNF superfamily and are type I and type II transmembrane proteins, respectively. Binding of FasL to Fas triggers apoptosis in Fas-bearing cells. The mechanism of apoptosis involves recruitment of pro-caspase 8 through an adaptor molecule called FADD followed by processing of the pro-enzyme to active forms. These active caspases then cleave various cellular substrates leading to the eventual cell death. sFasR is capable of inhibiting FasL-induced apoptosis by acting as a decoy receptor that serves as a sink for FasL. The full length Fas (receptor) is a 319 amino acid type I transmembrane protein, which contains a 157 amino acid extracellular domain, a 17 amino acid transmembrane domain, and 145 amino acid cytoplasmic domain.

Alternative Names: Apo I Ligand protein, CD95L protein, TNFSF6 protein, soluble Fas Ligand protein, APTL protein, sFASL protein

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Molecular Weight: 17.6 kDa

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Pathways: [Apoptosis](#), [EGFR Signaling Pathway](#), [Production of Molecular Mediator of Immune Response](#), [Positive Regulation of Endopeptidase Activity](#)

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## Application Details

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Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Buffer: Supplied as a lyophilized powder.

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Handling Advice: Avoid repeated freeze/thaw cycles.

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Storage: RT/-20 °C

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