

# SUPERFASLIGAND®

## Protein (soluble) (human), (recombinant)

SUPERFASLIGAND® (soluble) (human) (recombinant) features an N-terminus linker shown to improve stability and enhance immune activation **significantly enhanced immune activation.** compared to recombinant ligands alone.

Citations: 72

[View Online »](#)

[Order Online »](#)

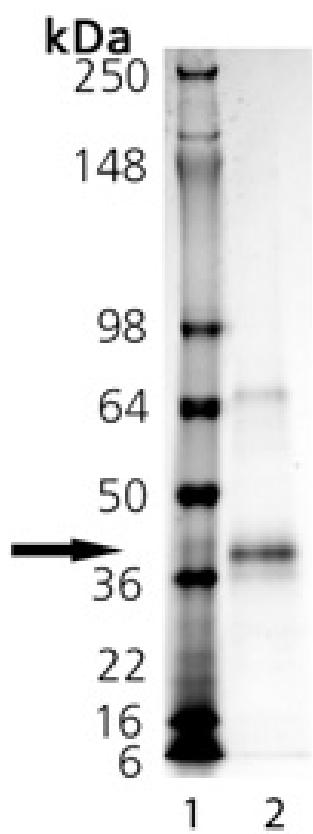
### Ordering Information

ALX-522-020-C005	5µg
ALX-522-020-3005	SuperPack - 3x5µg

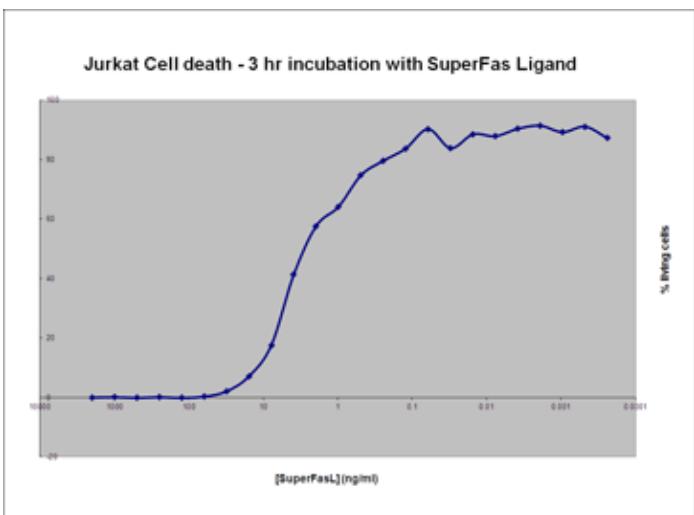
### Manuals, SDS & CofA

[View Online »](#)

- Increased stability
- Enhanced immune activation compared to other recombinant ligands
- Mimics glycosylation of native human FasL



SDS-PAGE analysis: Lane 1: MW Marker, Lane 2: 1 $\mu$ g SuperFasL, stained with Imperial stain.



Jurkat Cell Death: 50,000 Jurkat cells per well are incubated with the indicated concentration of SuperFasL for 3 hours. Cell death is determined by Cell-titer AQueous one-solution cell proliferation reagent. Formazan product is allowed to develop for 6 hours before the plate is read at 490nm. % Viability is determined in comparison to control well with no SuperFasL.

## Handling & Storage

<b>Use/Stability</b>	Stable for at least 6 months after receipt when stored at -20°C.
<b>Handling</b>	Avoid freeze/thaw cycles. After reconstitution, prepare aliquots and store at -20°C.
<b>Long Term Storage</b>	-20°C
<b>Shipping</b>	Blue Ice

## Regulatory Status

RUO - Research Use Only

## Product Details

<b>Alternative Name</b>	FasL (oligomer), APO-1L (oligomer), CD95L (oligomer), CD178 (oligomer), TNFSF 6 (oligomer)
<b>Application Notes</b>	ELISA: binds to Fas receptor at 1-100 ng/ml.
<b>Biological Activity</b>	Kills Fas-sensitive cells. Note: Does not require enhancer.
<b>Concentration</b>	0.1mg/ml after reconstitution.
<b>Formulation</b>	Lyophilized. Contains PBS.
<b>MW</b>	~32kDa (nonglycosylated), ~35kDa (glycosylated).
<b>Purity</b>	≥95% (SDS-PAGE)
<b>Reconstitution</b>	Reconstitute with 50µl sterile water. Further dilutions should be made with cell culture medium containing 5% fetal calf serum.
<b>Source</b>	Produced in HEK 293 cells. The extracellular domain of human FasL (APO-1L; CD95L; CD178) (aa 103-281) is fused at the N-terminus to a linker peptide (26 aa) and a FLAG®-tag. Glycosylation of rhs SUPERFASLIGAND® is similar to natural human FasL.
<b>Specificity</b>	Binds to human, mouse and rat Fas (CD95; APO-1).

## Technical Info / Product Notes

Historical data has shown that SUPERFASLIGAND® kills Fas-sensitive cells at concentrations of >1ng/ml without the use of enhancer. The ED<sub>50</sub> has been shown in previous data to be 1ng/ml (A20 cells).

**Note:** Results using rhsSUPERFASLIGAND® may differ from those obtained with agonistic antibodies!

FLAG is a registered trademark of Sigma-Aldrich Co.

UniProt ID

P48023

Last modified: May 29, 2024



ENZO LIFE SCIENCES,  
INC.  
Phone: 800.942.0430  
[info-  
usa@enzolifesciences.com](mailto:info-usa@enzolifesciences.com)

European Sales Office  
ENZO LIFE SCIENCES  
(ELS) AG  
Phone: +41 61 926 8989  
[info-  
eu@enzolifesciences.com](mailto:info-eu@enzolifesciences.com)

Belgium, The Netherlands  
& Luxembourg  
Phone: +32 3 466 0420  
[info-  
be@enzolifesciences.com](mailto:info-be@enzolifesciences.com)

France  
Phone: +33 472 440 655  
[info-  
fr@enzolifesciences.com](mailto:info-fr@enzolifesciences.com)

Germany  
Phone: +49 7621 5500 526  
[info-  
de@enzolifesciences.com](mailto:info-de@enzolifesciences.com)

UK & Ireland  
Phone (UK customers):  
0845 601 1488  
Phone: +44 1392 825900  
[info-  
uk@enzolifesciences.com](mailto:info-uk@enzolifesciences.com)