Mouse FasL, His Tag, E. coli

Catalog Number	LDG077PME
Package	5 μg / 20 μg / 100 μg / Customized package

For full product information, images and publications, please visit our website.

Specifications

Species of Origin

Mouse

Expression system

Escherichia coli

Affinity Tag

His Tag (N-term)

Buffer

Lyophilized from a 0.2 μm filtered solution of PBS, pH 8.0.

Purity

>98% as determined by SDS-PAGE analysis.

Molecular weight

The protein has a calculated MW of 18.27 kDa.
The protein migrates as 17-25 kDa under reducing condition (SDS-PAGE analysis).

Activity

Measure by its ability to induce apoptosis in Jurkat cells. The ED_{50} for this effect is <1 μg /mL.

Endotoxin level

<0.1 EU per 1 μg of the protein by the LAL method.

Form

Lyophilized

Background

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Background

Fas Ligand (FasL) is a 17.34 kDa tumor necrosis factor with 152 amino acid residues. FasL is mainly expressed from lymphoid tissue and secreted to blood. Binding to its receptor, TNFRSF6/FAS, leads to induce apoptotic signal into cells. Involved in cytotoxic T-cell-mediated apoptosis, natural killer cell-mediated apoptosis and in T-cell development.

Synonyms

Tumor necrosis factor ligand superfamily member 6, CD95 ligand, CD95-L, Fas antigen ligand, Fas ligand, FasL

Uniprot ID

#P41047

Sequence Note

Gln128-Leu279

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H_2O to a concentration of 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Stability & Storage

This product is stable after storage at:

- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

Image

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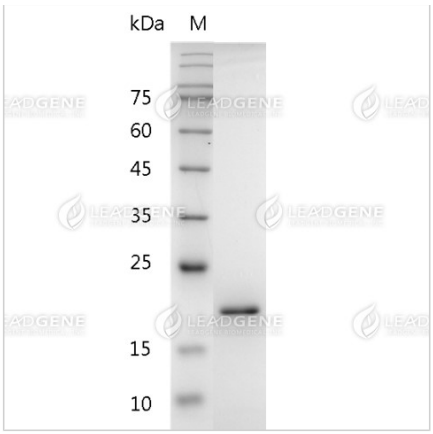

SDS-PAGE analysis of recombinant mouse FasL.

Disclaimer : For Research Use or Further Manufacturing Only.

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