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# Recombinant Mouse FasL protein(His Tag)

Catalog Number: PKSM041486

Note: Centrifuge before opening to ensure complete recovery of vial contents.

## Description

Species Mouse

**Source** E.coli-derived Mouse FasL protein Gln 128-Leu 279, with an N-terminal His

Calculated MW 18.3 kDa
Observed MW 17-25 kDa
Accession P41047

**Bio-activity** Measure by its ability to induce apoptosis in Jurkat cells. The  $ED_{50}$  for this effect is <1

μg/mL

### **Properties**

**Purity** > 98 % as determined by reducing SDS-PAGE.

**Endotoxin** < 0.1 EU per µg of the protein as determined by the LAL method.

Storage Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80

°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of

reconstituted samples are stable at < -20°C for 3 months.

**Shipping** This product is provided as lyophilized powder which is shipped with ice packs.

**Formulation** Lyophilized from sterile PBS,pH 8.0.

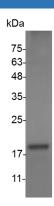
Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants

before lyophilization.

Please refer to the specific buffer information in the printed manual.

**Reconstitution** Please refer to the printed manual for detailed information.

#### Data



> 98 % as determined by reducing SDS-PAGE.

#### **Background**

Fas Ligand, also known as FASLG and CD95L, is the ligand for FAS. It is a transmembrane protein which binds to TNFRSF6/FAS. Interaction of FAS with fas Ligand is critical in triggering apoptosis of some types of cells such as lymphocytes. Fas Ligand may be involved in cytotoxic T-cell mediated apoptosis and in T-cell development. TNFRSF6/FAS-mediated apoptosis may have a role in the induction of peripheral tolerance, in the antigen-stimulated suicide of mature T-cells, or both.

#### For Research Use Only

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