

## Recombinant Mouse Fas Ligand/TNFSF6 Protein(Fc Tag)

**Catalog Number:** PDMM100156

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

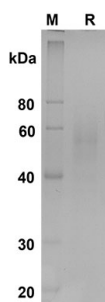
### Description

<b>Species</b>	Mouse
<b>Source</b>	Mammalian-derived Mouse Fas Ligand/TNFSF6 proteins Pro132-Leu279, with an C-terminal Fc
<b>Calculated MW</b>	41.2 kDa
<b>Observed MW</b>	55-60 kDa
<b>Accession</b>	P41047
<b>Bio-activity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 90% as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU/mg of the protein as determined by the LAL method
<b>Storage</b>	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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

### Data



SDS-PAGE analysis of Mouse Fas Ligand/TNFSF6 proteins ,  
2µg/lane of Recombinant Mouse Fas Ligand/TNFSF6  
proteins was resolved with SDS-PAGE under reducing  
conditions , showing bands at 55-60 KD

### 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