

Recombinant Mouse Fas Ligand/TNFSF6 Protein(Fc Tag)

Catalog Number: PDMM100156

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

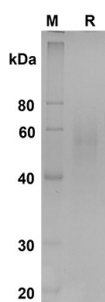
Description

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

Properties

| | |
|-----------------------|--|
| Purity | > 90% as determined by reducing SDS-PAGE. |
| Endotoxin | < 1.0 EU/mg 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 a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol. |
| Reconstitution | 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.

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