

Recombinant Mouse FasL protein(His Tag)

Catalog Number: PKSM041486

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

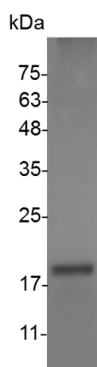
Description

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.

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