

Recombinant Mouse TNFSF6/FAS ligand/CD178 Protein

Catalog No.: RP02829 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	14103	P41047

Tags

N-His

Synonyms

FASLG;ALPS1B;APT1LG1;APTL;CD178;CD95-L;CD95L;FASL;TNFSF6;TNLG1A;Fas ligand;FasL;FasLG;Faslg

Product Information

Source	Purification
Yeast	Please contact us for more information.

Calculated MW	Observed MW
17.75 kDa	20-25 kDa

Endotoxin

<1EU/μg

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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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.

Basic Information

Description

Recombinant Mouse TNFSF6/FAS ligand/CD178 Protein is produced by Yeast expression system. The target protein is expressed with sequence (Pro132-Leu279) of mouse Fas ligand/APTL/CD95 ligand/CD178 (Accession #AAB02915.1) fused with a 6xHis tag at the N-terminus.

Bio-Activity

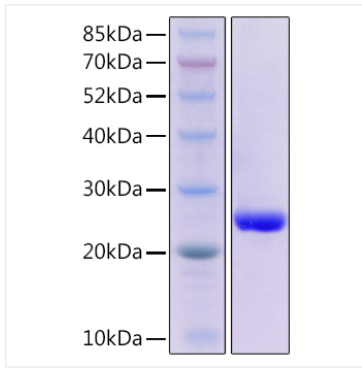
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Mouse Fas ligand/APTL/CD95 ligand/CD178 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 26 kDa.