

Recombinant Mouse TNFSF6/FAS ligand/CD178 Protein

Catalog No.: RP02829

Sequence Information

Species **Gene ID**
Mouse 14103

Swiss Prot **Tags**
P41047 N-His

Synonyms

FASLG,ALPS1B,APT1LG1,APTL,
CD178,CD95-L,CD95L,FASL,
TNFSF6,TNKG1A,Fas ligand,FasL,
FasLG;Faslg

Product Information

Source **Purification**
HEK293 cells ≥ 95% as
 determined by
 SDS-PAGE.

Calculated MW **Observed MW**
17.75 kDa 20-25 kDa

Endotoxin

< 1 EU/μg of the protein by LAL
method.

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.

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 HEK293 cells 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 6×His tag at the N-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

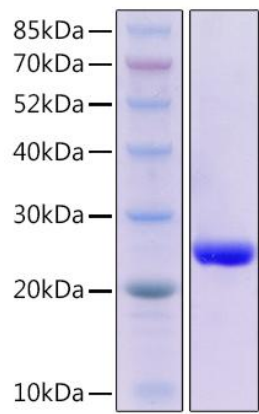
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Validation Data



Recombinant Mouse TNFSF6/FAS ligand/CD178 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.