

Recombinant Human TNFSF6/FAS ligand/CD178 Protein

Catalog No.: RP02353 **Recombinant**

Sequence Information

Species Human **Gene ID** 356 **Swiss Prot** P48023

Tags

N-His

Synonyms

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

Background

Basic Information

Description

Recombinant Human TNFSF6/FAS ligand/CD178 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Pro134-Leu281) of Human Fas Ligand(monomer) fused with a His tag at the N-terminal.

Bio-Activity

Measured by its ability to induce apoptosis of Jurkat human acute T cell leukemia cells. The ED₅₀ for this effect is 2.075-8.3 ng/mL in the presence of 10 µg/mL of a cross-linking antibody Rabbit Anti-poly Histidine Monoclonal Antibody (Catalog # AE086), corresponding to a specific activity of 1.20×10⁵~4.82×10⁵ units/mg.

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

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.

Operational Notes

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

Product Information

Source

HEK293 cells

Purification

≥ 95 % as determined by Tris-Bis PAGE.

Calculated MW

17.73 kDa

Observed MW

25-35 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 tube 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.

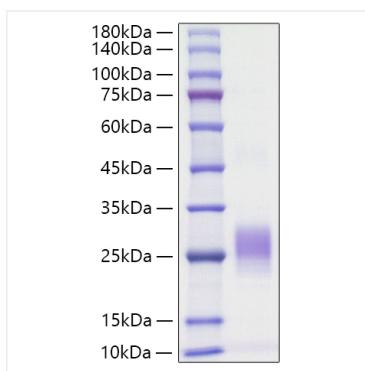
Contact

 | 400-999-6126

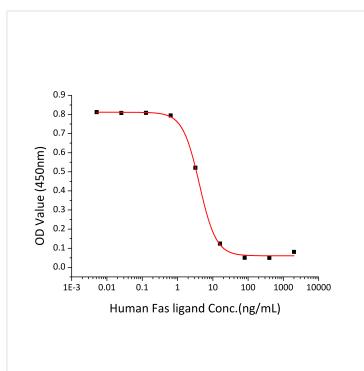
 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Validation Data



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



Recombinant Human Fas ligand/APTL/CD95 ligand/CD178 induce apoptosis of Jurkat human acute T cell leukemia cells. The ED_{50} for this effect is 2.075-8.3 ng/mL in the presence of 10 μ g/mL of a cross-linking antibody Rabbit Anti-poly Histidine Monoclonal Antibody (Catalog # AE086), corresponding to a specific activity of 1.20×10^5 ~ 4.82×10^5 units/mg.