Recombinant Human TNFSF6/FAS ligand/CD178 Protein

Catalog No.: RP02353

Sequence Information

Species	Gene ID
Human	356
Swiss Prot	**Tags**
P48023	N-His

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

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by Tris-Bis PAGE.
Calculated MW	**Observed MW**
17.73 kDa	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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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.

Activity
Measured by its ability to 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 μg/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.

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℃

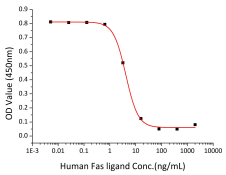
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

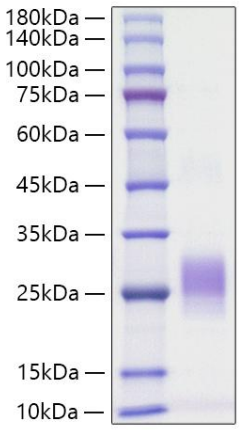
400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

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Validation Data



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 μg/mL of a cross-linking antibody Rabbit Anti-poly Histidine Monoclonal Antibody (Catalog # AE086), corresponding to a specific activity of 1.20 $\times 10^5$~4.82×10^5 units/mg.



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