

Recombinant Human Flt3 ligand/Flt3L Protein

Catalog No.: RP02360

Sequence Information

Species Gene ID

Human 2323

Swiss Prot Tags

P49771 C-hFc

Synonyms

FL,FLT3L,FLT3LG,FLT3LG

Product Information

Source Purification

HEK293 cells ≥ 95 % as determined by Tris-Bis PAGE.

Calculated MWObserved MW

44.00 kDa 50–65 kDa

Endotoxin

< 0.01 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

Basic Information

Description

Recombinant Human FLT3 ligand Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Thr27-Pro185) of Human FLT3 ligand fused with a hFc at the C-terminal.

Activity

Measured in a cell proliferation assay using Human OCI-AML5 cells. The ED₅₀ for this effect is 1.56–6.24 ng/mL, corresponding to a specific activity of 1.60 × 10⁵~6.41 × 10⁵ 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°C

Operational Notes

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

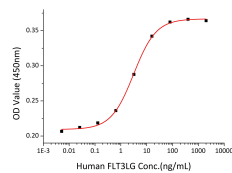
Contact

☎ | 400-999-6126

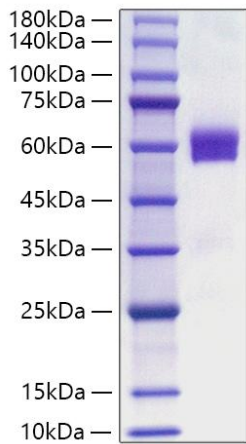
✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Validation Data



Recombinant Human Flt3 ligand/Flt3L stimulates cell proliferation assay using Human OCI-AML5 cells. The ED₅₀ for this effect is 1.56-6.24 ng/mL, corresponding to a specific activity of 1.60×10⁵~6.41×10⁵ units/mg.



Recombinant Human Flt3 ligand/Flt3L Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.