Recombinant Human FLT-3L

Catalog Number: OM643750

Characteristics:

Source	Chinese Hamster Ovary cell line
Description	Human FLT-3L (Thr27-Pro184) Accession # P49771
Predicted molecular mass	17.8kDa

Specification:

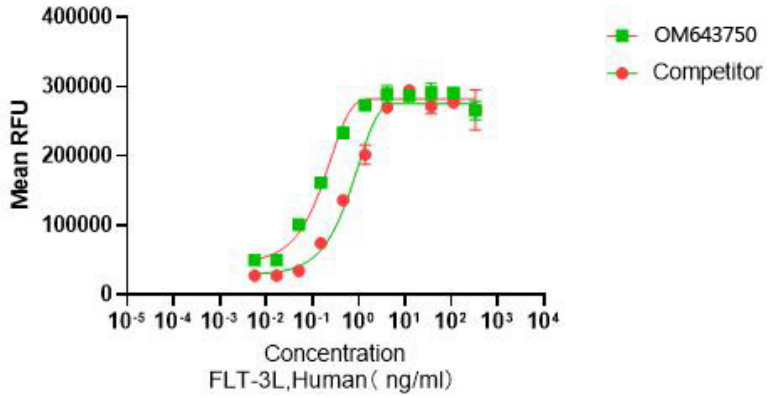
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥95%, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	≤10 EU/mg by the LAL method
Activity	The ED_{50} as determined by the dose-dependent stimulation of the proliferation of human OCI-AML5 cells is ≤ 1.0 ng/ml, corresponding to a specific activity of ≥ 1 x 10^6 units/mg.
Formulation	Lyophilized from a 0.2 μm filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4
Size	50 μg/vial, 1 mg/vial

Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water.
Shipping	The product is shipped with blue ice
Storage & Stability	36 months at 2°C to 8°C in lyophilized state 7-10 days at 2°C to 8°C under sterile conditions after reconstitution 6 months at -20°C to -80°C under sterile conditions after reconstitution **Use a manual defrost freezer and avoid repeated freeze-thaw cycles.**

Data:

Bioactivity



Recombinant Human FLT-3L(Cat. No. OM643750) stimulates proliferation of OCI-AML5 cells. The ED_{50} for this effect is ≤1.0 ng/mL. The activity of recombinant Human FLT-3L(Cat. No. OM643750) was higher than the other competing product.