

Recombinant Human FLT-3L

Cat. No.:MGC024 size : 10 μ g / 50 μ g / 1mg

Characteristics:

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

Specification:

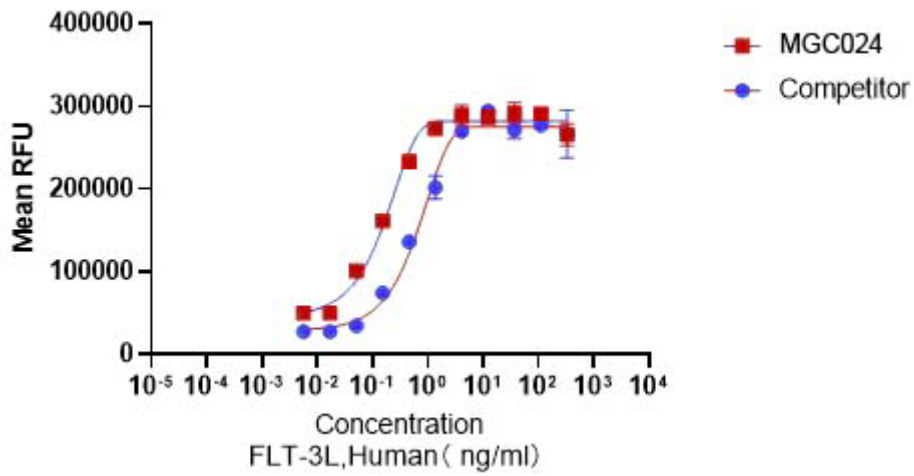
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	$\geq 95\%$, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	≤ 0.01 EU/ μ g by the LAL method
Activity	The ED ₅₀ as determined by the dose-dependent stimulation of the proliferation of human OCI-AML5 cells is ≤ 1.0 ng/ml, corresponding to a specific activity of $\geq 1 \times 10^6$ units/mg.
Formulation	Lyophilized from a 0.22 μ m-filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4

Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water.
Shipping	Wet ice (seasonal)
Storage & Stability	36 months at -20°C to -80°C in lyophilized state 6 months at -20°C to -80°C under sterile conditions after reconstitution 7-10 days at 2°C to 8°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. MGC024) stimulates proliferation of OCI-AML5 cells. The ED₅₀ for this effect is ≤1.0 ng/mL. The activity of recombinant Human FLT-3L (Cat. No. MGC024) was higher than the other competing product.