

---

# Recombinant Human FLT-3L

Catalog Number : mly01201

## Characteristics:

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

## Specification:

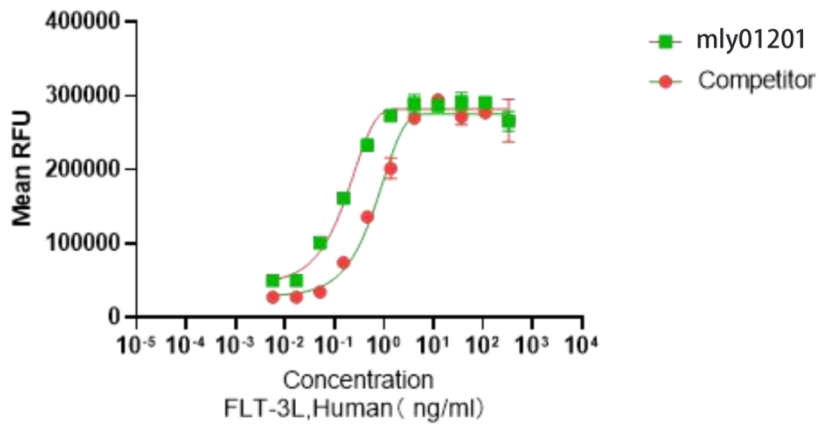
<b>Appearance</b>	White powder, Colorless clear liquid after reconstitution
<b>Purity</b>	≥95%, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)
<b>Endotoxin</b>	≤10 EU/mg by the LAL method
<b>Activity</b>	The ED <sub>50</sub> as determined by the dose-dependent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

## Handling and Storage:

<b>Reconstitution</b>	It is recommended to redissolve in sterile deionized water.
<b>Shipping</b>	The product is shipped with blue ice
<b>Storage &amp; Stability</b>	36 months at -20°C to -80°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. mly01201 ) stimulates proliferation of OCI-AML5 cells. The ED<sub>50</sub> for this effect is  $\leq 1.0$  ng/mL. The activity of recombinant Human FLT-3L(Cat. No. mly01201 ) was higher than the other competing product.