



SHANGHAI GENOMICS

Recombinant Human Flt3 Ligand

rHuFlt3-L

Catalog number: SG3110-01

Specifications and Use

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| Source | <ul style="list-style-type: none">● <i>Escherichia coli</i>. |
| Molecular Mass | <ul style="list-style-type: none">● 17.6kDa |
| Purity | <ul style="list-style-type: none">● $\geq 98\%$ as determined by SDS-PAGE and HPLC analyses. |
| Biological Activity | <ul style="list-style-type: none">● rHuFlt3-L is fully biologically active when compared to standards. Its specific activity is $\geq 1 \times 10^6$ units/mg. |
| Endotoxin Level | <ul style="list-style-type: none">● Less than 10EU/mg of rHuFlt3-L as determined by LAL method. |
| Formulation | <ul style="list-style-type: none">● Sterile filtered lyophilized (freeze-dried) powder, with 20mM Tris.HCL, 20mM NaCL , pH7.4 |
| Solubility | <ul style="list-style-type: none">● It is recommended to reconstitute the lyophilized rHuFlt3-L in sterile distilled H₂O to prepare a stock solution of no less than 100 μg/ml of the cytokine. |
| Stability | <ul style="list-style-type: none">● The lyophilized protein is stable for a few weeks at room temperature, but best stored at -20 ..● Reconstituted rHuFlt3-L should be stored in working aliquots at -20 .● Avoid repeated freeze-thaw cycles. |
| Usage | <ul style="list-style-type: none">● FOR RESEARCH USE ONLY. NOT FOR HUMAN USE. |

Human Flt3-Ligand

Flt3-ligand (flk2-ligand) stimulates the proliferation and colony formation of certain BM precursor cells including CD34+ cells. Recombinant Human Flt3-Ligand is a soluble 17.6 kDa polypeptide containing 155 amino acid residues, which comprises the extracellular domain of the transmembrane flt3-ligand protein.