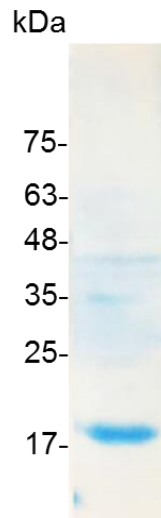


**Flt-3 Ligand (Fms-related tyrosine kinase-3 ligand), Human**

v. 231001

<b>Catalog number</b>	C01085-5UG / C01085-20UG / C01085-100UG
<b>Package</b>	5 µg / 20 µg / 100 µg
<b>Description</b>	Fms-related tyrosine kinase 3 ligand (FLT3LG) is a protein which in humans is encoded by the FLT3LG gene. FLT3 ligand is a receptor for the fl cytokine has a tyrosine-protein kinase activity & a growth factor that regulates proliferation of early hematopoietic cells. Flt3-Ligand synergizes with other CSFs and interleukins to induce growth and differentiation.
<b>Source</b>	<i>Escherichia coli</i>
<b>Sequence</b>	MTQDCSFQHSPISDFAVKIRELSDYLLQDYPVTVASNLQDEELCGGLWRLVLA QRWMERLKTIVAGSKMQGLLERVNTIHFVTKCAFQPPPSCLRFRVQTNISRLLQ ETSEQLVALKPWITRQNFRCLELQCQPDSSTLPPPWSRPLEATAPTA with polyhistidine tag at the C-terminus
<b>Endotoxin level</b>	<0.1 EU per 1 µg of the protein by the LAL method.
<b>Activity</b>	Measure by its ability to induce proliferation in BaF3 cells transfected with mouse Flt-3. The ED <sub>50</sub> for this effect is <0.8 ng/mL. The specific activity of recombinant human Flt-3 Ligand is > 1.5 x 10 <sup>6</sup> IU/mg.
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Form</b>	Lyophilized
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H <sub>2</sub> O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Stability &amp; Storage</b>	This product is stable after storage at: <ul style="list-style-type: none"> <li>-20°C for 12 months in lyophilized state from date of receipt.</li> <li>-20°C or -80°C for 1 month under sterile conditions after reconstitution.</li> </ul> Avoid repeated freeze/thaw cycles.



SDS-PAGE analysis of recombinant human Flt-3 Ligand

*For research use only.*