

Recombinant Human Fms-related Tyrosine Kinase 3 Ligand (rHuFlt-3Ligand)

Product Information

Cat#	DIA-830
Descriptions	Recombinant Human Fms-related Tyrosine Kinase 3 Ligand (rHuFlt-3Ligand) is a hematopoietic growth factor that binds to Flt-3 receptors to promote the proliferation and differentiation of hematopoietic stem and progenitor cells, and is widely used for immune cell culture and hematology research.
Applications	Recombinant Human Fms-related Tyrosine Kinase 3 Ligand (rHuFlt-3Ligand) serves as a key raw material for hematopoietic cell culture detection kits and immune cell expansion assay reagent development.
CAS No.	103-05-1816
Molecular Weight	Approximately 17.6 kDa, a single non-glycosylated polypeptide chain containing 155 amino acids
Enzyme Source	Escherichia coli
Synonyms	Flt3L, SL Cytokine
Form	Sterile filtered white lyophilized (freeze-dried) powder Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.0.
Activity Definition	Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using human AML5 cells is less than 1.0 ng/ml, corresponding to a specific activity of $> 1.0 \times 10^6$ IU/mg.
Purity	$> 97\%$ by SDS-PAGE and HPLC
Storage	Avoid repeated freeze-thaw cycles. Store at -20 to -70°C in the original packaging for up to 6 months from the date of receipt. After opening, store at -20 to -70°C under sterile conditions for up to 3 months.
Package	10 μg , 100 μg , 500 μg