

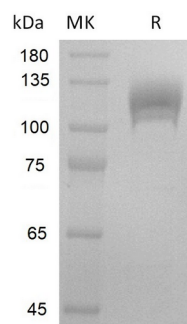
产品名称: Recombinant Human FLT3 (C-Fc)
产品货号: PHH1921



概述 (Summary)

英文全称	FIt-3/Flk-2/CD135/Tyrosine-protein kinase receptor FLT3
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/ μ g as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Receptor-Type Tyrosine-Protein Kinase FLT3/FLT3 is produced by our Mammalian expression system and the target gene encoding Asn27-Asn541 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	AAI26351.1
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	85.3 KDa
制剂 (Form)	Supplied as a 0.2 μ m filtered solution of PBS, pH 7.4.
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt. Store at $\leq -70^{\circ}\text{C}$, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

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分子别名 (Alternative Names)

Receptor-Type Tyrosine-Protein Kinase FLT3; FL Cytokine Receptor; Fetal Liver Kinase-2; FLK-2; Fms-Like Tyrosine Kinase 3; FLT-3; Stem Cell Tyrosine Kinase 1; STK-1; CD135; FLT3; FLK2; STK1

背景介绍 (References)

The Flt-3 (fms-like tyrosine kinase) receptor, also named Flk-2 and Stk-1 is a member of the class III subfamily of receptor tyrosine kinases that also includes KIT, the receptor for SCF and FMS, the receptor for M-CSF. The extracellular region of these receptors contains five immunoglobulin-like domains and the intracellular region contains a split kinase domain. Human Flt-3 cDNA encodes a 993 amino acid (aa) residue type I membrane protein with a 26 aa residue signal peptide, a 515 aa extracellular domain with 10 potential N-linked glycosylation sites, a 21 aa residue transmembrane domain and a 431 aa residue cytoplasmic domain. Flt-3 expression has been detected in various tissues, including placenta, gonads, and tissues of nervous and hematopoietic origin. Among hematopoietic cells, the expression of Flt-3 was found to be restricted to the highly enriched stem/progenitor cell populations. The ligand for Flt-3 (FL) has been identified to be a transmembrane protein with structural homology to M-CSF and SCF. Recombinant soluble Flt-3/Fc chimeric protein has been shown to bind FL with high affinity and is a potent FL antagonist.

注意事项 (Note)

For research use only .