

FLT3 抗原（重组蛋白）

中文名称：FLT3 抗原（重组蛋白）

英文名称：FLT3 Antigen (Recombinant Protein)

别名：FLK2; STK1; CD135; FLK-2

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 610-943 amino acids of human FLT3

技术规格：

Full name:	fms related tyrosine kinase 3
Synonyms:	FLK2; STK1; CD135; FLK-2
Swissprot:	P36888
Gene Accession:	BC126350
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a class III receptor tyrosine kinase that regulates hematopoiesis. This receptor is activated by binding of the fms-related tyrosine kinase 3 ligand to the extracellular domain, which induces homodimer formation in the plasma membrane leading to autophosphorylation of the receptor. The activated receptor kinase subsequently phosphorylates and activates multiple cytoplasmic effector molecules in pathways involved in apoptosis, proliferation,

and differentiation of hematopoietic cells in bone marrow. Mutations that result in the constitutive activation of this receptor result in acute myeloid leukemia and acute lymphoblastic leukemia.