

Recombinant Human FLT3

Catalog No: #GP11095



Package Size: #GP11095-1 100ug

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human FLT3
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 610-943 amino acids of human FLT3
Target Name	fms related tyrosine kinase 3
Other Names	FLK2; STK1; CD135; FLK-2
Accession No.	Swissprot:P36888Gene Accession:BC126350
Uniprot	P36888
GeneID	2322;
Storage	-20~-80°C, pH 7.6 PBS

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

Note: This product is for in vitro research use only