

RPCB1849

Product Information

Product SKU:	RPCB1849	Gene ID:	14255	Size:	10µg
Tag:	C-hFC	Reactivity:	Mouse		

Additional Information

Expression Host:	HEK293 cells	Swissprot:	Q00342
Purity:	> 95% as determined by HPLC		

Protein Information

Background: This protein is 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.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Mouse FLT-3/FLK-2/CD135 Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: < 0.01 EU/µg

Formulation: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.