Recombinant Mouse FLT-3/FLK-2/CD135 Protein

RPCB1849

Protein Information

Size:	10 µg , 20 µg , 50 µg , 100 µg	**Tag:**	C-hFC
Reactivity:	Mouse	**Expressed Host:**	HEK293 cells
Calculated MW:	87.06 kDa	**Observerd MW:**	120-140 kDa

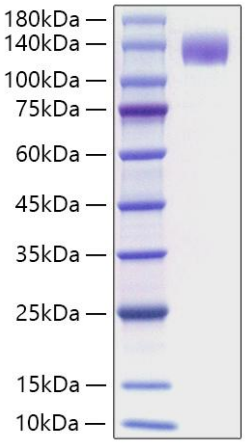
Background

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.

Properties

Synonyms:	CD135, FLK-2, FLK2, STK1, FLT3
Gene ID:	14255
Endotoxin:	< 0.01 EU/µg of the protein by LAL method
Description:	High quality, high purity and low endotoxin recombinant Recombinant Mouse FLT-3/FLK-2/CD135 Protein (RPCB1849), tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.
Purity:	≥ 95 % as determined by SDS-PAGE.
Storage:	Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.

Validation Data



Recombinant Mouse FLT-3/FLK-2/CD135 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.