

RPCB0602

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**Product Information**

<b>Product SKU:</b>	RPCB0602	<b>Gene ID:</b>	2322	<b>Size:</b>	100µg
<b>Tag:</b>	C-His	<b>Reactivity:</b>	Human		

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**Additional Information**

<b>Expression Host:</b>	HEK293 cells	<b>Swissprot:</b>	P36888-1
<b>Purity:</b>	> 95% by SDS-PAGE ; > 95% by HPLC		

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**Protein Information**

**Background:** The Flt-3 (fms-like tyrosine kinase) receptor, also named Flk-2 (fetal liver kinase) and Stk-1(stem cell tyrosine kinase) 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. Tyrosine-protein kinase that acts as cell-surface receptor for the cytokine FLT3LG and regulates differentiation, proliferation and survival of hematopoietic progenitor cells and of dendritic cells. Promotes phosphorylation of SHC1 and AKT1, and activation of the downstream effector MTOR. Promotes activation of RAS signaling and phosphorylation of downstream kinases, including MAPK1/ERK2 and/or MAPK3/ERK1.

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

**Endotoxin:** < 1 EU/µg of the protein by LAL method

**Formulation:** Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

**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.

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