

RPCB2113

Product Information

Product SKU:	RPCB2113	Gene ID:	22341	Size:	10µg
Tag:	C-His	Reactivity:	Mouse,Rat		

Additional Information

Expression Host:	HEK293 cells	Swissprot:	P97953
Purity:	> 95% by SDS-PAGE.		

Protein Information

Background: Vascular endothelial growth factor C (VEGF-C) is a member of the VEGF family. Upon biosynthesis, VEGF-C protein is secreted as a non-covalent momodimer in an anti-parallel fashion. VEGF-C protein is a dimeric glycoprotein, as a ligand for two receptors, VEGFR-3 (Flt4), and VEGFR-2. VEGF-C may function in angiogenesis of the venous and lymphatic vascular systems during embryogenesis. VEGF-C protein is over-expressed in various human cancers including breast cancer and prostate cancer. VEGF-C/VEGFR-3 axis, through different signaling pathways, plays a critical role in cancer progression by regulating different cellular functions, such as invasion, proliferation, and resistance to chemotherapy. Thus, targeting the VEGF-C/VEGFR-3 axis may be therapeutically significant for certain types of tumors.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Mouse/Rat VEGF-C Protein , tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.

Endotoxin: <0.01EU/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.

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