

# Biotinylated Recombinant Human PDGFR-beta/CD140b Protein

RPCB0063



## Product Information

<b>Product SKU:</b>	RPCB0063	<b>Gene ID:</b>	5159	<b>Size:</b>	100µg
<b>Tag:</b>	C-His&Avi	<b>Reactivity:</b>	Human		

## Additional Information

<b>Expression Host:</b>	-	<b>Swissprot:</b>	P09619
<b>Purity:</b>	> 95% by Tris-Bis PAGE and HPLC		

## Protein Information

<b>Background:</b>	PDGF is a major serum mitogen that can exist as a homo or hetero-dimeric protein consisting of disulfide-linked PDGF-A and PDGF-B chains. The PDGF-AA,PDGF-BB and PDGF-AB isoforms have been shown to bind to two distinct cell surface PDGF receptors with different affinities. Where as PDGF R alpha binds all three PDGF isoforms with high affinity, PDGF R beta binds PDGF-BB only with high-affinity. PDGF R plays an essential role in blood vessel development by promoting proliferation, migration and recruitment of pericytes and smooth muscle cells to endothelial cells. Plays a role in the migration of vascular smooth muscle cells and the formation of neointima at vascular injury sites.
<b>Protein Description:</b>	High quality, high purity and low endotoxin recombinant Biotinylated Recombinant Human PDGFR-beta/CD140b Protein , tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.
<b>Endotoxin:</b>	< 1 EU/µg of the protein by LAL method.
<b>Formulation:</b>	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization. Contact us for customized product form or formulation.
<b>Storage:</b>	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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