



RPCB0985

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**Product Information**

<b>Product SKU:</b>	RPCB0985	<b>Gene ID:</b>	18595	<b>Size:</b>	10µg
<b>Tag:</b>	C-Fc	<b>Reactivity:</b>	Mouse		

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**Additional Information**

<b>Expression Host:</b>	HEK293 cells	<b>Swissprot:</b>	P26618
<b>Purity:</b>	> 95% by SDS-PAGE.		

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**Protein Information**

<b>Background:</b>	Platelet-derived growth factor receptors (PDGFR) are cell surface tyrosine kinase receptors for members of the platelet-derived growth factor (PDGF) family. The PDGF family consists of PDGF-A, -B, -C and -D, which form either homo- or heterodimers (PDGF-AA, -AB, -BB, -CC, -DD). The four PDGFs are inactive in their monomeric forms. PDGFs bind to the protein tyrosine kinase receptors PDGF receptor- $\alpha$ and - $\beta$ . These two receptor isoforms dimerize upon binding the PDGF dimer, leading to three possible receptor combinations, namely $\alpha\alpha$ , $\alpha\beta$ and $\beta\beta$ . $\alpha\alpha$ signaling has been linked to a number of proliferative disorders.
<b>Protein Description:</b>	High quality, high purity and low endotoxin recombinant Recombinant Mouse PDGFR-alpha/CD140a 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 0.2 µm filtered solution of PBS, pH 7.4. 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.