

# Recombinant Rat Pdgfrb Protein, Fc-tagged, Alexa Fluor 555 conjugated

**Cat. No.** Pdgfrb-36RAF555    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 555 conjugated recombinant Rat Pdgfrb (Q05030) (Met1-Lys530), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	740
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The recombinant rat PDGFRB/Fc is a disulfide-linked homodimer. The reduced monomer comprises 740 amino acids and has a predicted molecular mass of 83.2 kDa. The apparent molecular mass of the protein is approximately 117 kDa in SDS-PAGE under reducing con
<b>N-terminal Sequence Analysis</b>	Leu 32
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Characteristic</b>	Disulfide-linked homodimer

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Labeled with Alexa Fluor 555 via amines  
 With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	Alexa Fluor 555

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Pdgfrb platelet derived growth factor receptor, beta polypeptide [ Rattus norvegicus ]</a>
<b>Official Symbol</b>	<a href="#">Pdgfrb</a>
<b>Gene ID</b>	<a href="#">24629</a>
<b>mRNA Refseq</b>	<a href="#">NM_031525</a>
<b>Protein Refseq</b>	<a href="#">NP_113713</a>

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