

Datasheet for ABIN7320624  
**PDGFRA Protein (Fc Tag)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	50 µg
Target:	PDGFRA
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDGFRA protein is labelled with Fc Tag.

## Product Details

Purpose:	Recombinant Mouse PDGFRA/CD140a Protein (Fc Tag)
Sequence:	Leu25-Glu524
Characteristics:	Recombinant Mouse Platelet-derived growth factor receptor alpha is produced by our Mammalian expression system and the target gene encoding Leu25-Glu524 is expressed with a Fc tag at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	PDGFRA
Alternative Name:	PDGFRA/CD140a ( <a href="#">PDGFRA Products</a> )
Background:	Background: 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

## Target Details

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 - $\alpha\alpha$ , - $\beta\beta$  and - $\alpha\beta$ . PDGFR $\alpha$  and PDGFR $\beta$  are members of the class III RTK family. Inappropriate PDGFR $\alpha$  and PDGFR $\beta$  signaling has been linked to a number of proliferative disorders.

Synonym: Platelet-derived growth factor receptor alpha, PDGF-R-alpha, PDGFR-alpha, Alpha platelet-derived growth factor receptor, CD140 antigen-like family member A, Platelet-derived growth factor alpha receptor, CD140a, PDGFRA

Molecular Weight: 83.2 kDa

UniProt: [P26618](#)

Pathways: [RTK Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Platelet-derived growth Factor Receptor Signaling](#)

## Application Details

Restrictions: For Research Use only

## Handling

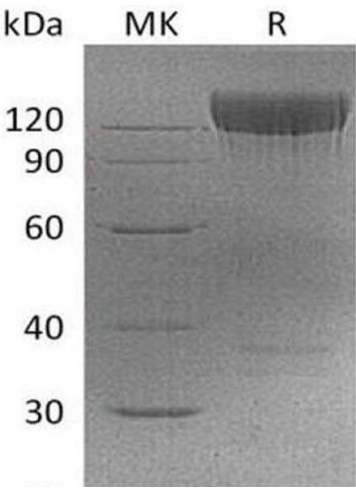
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2  $\mu$ m filtered solution of PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.