

Recombinant Rat PDGFRB / PDGFR-1 Protein (His tag)

db58552

Package : 10µg 50µg 100µg 1mg

Product Name : Recombinant Rat PDGFRB / PDGFR-1 Protein (His tag)**Cat.No.:** db58552**Synonyms** : PDGFRB;Pdgfr;Pdgfr1**Application** : Positive Control, Immunogen, SDS-PAGE, WB**Tag** : C-His**Expression host** : HEK293 Cells**Species** : Rat**Background**

Tyrosine-protein kinase that acts as cell-surface receptor for homodimeric PDGFB and PDGFD and for heterodimers formed by PDGFA and PDGFB, and plays an essential role in the regulation of embryonic development, cell proliferation, survival, differentiation, chemotaxis and migration. 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.

Gene ID

24629

Swiss Prot

Q05030

Synonyms

PDGFRB;Pdgfr;Pdgfr1

Application

Positive Control, Immunogen, SDS-PAGE, WB

Molecular Weight

57.6 kDa

Species

Rat

Purity

>85% as determined by SDS-PAGE.

Seq

Met1-Lys530

Tag

C-His

Formulation

Freeze-dried powder

Storage Stability

Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Avoid repeated freeze/thaw cycles.

