

37-1367: Mouse PDGF-B / PDGF-2 Recombinant Protein (His Tag)(Discontinued)

Reactivity : Mouse

Alternative Name : PDGF-B Protein, Mouse; Sis Protein, Mouse

Description

Source : Yeast

Platelet-derived growth factor-B (PDGFB) is necessary for normal cardiovascular development. The administration of PDGFB alone normalized tumor vasculature by increasing periendothelial coverage and vascular functionality. Interestingly, this effect exerted by PDGFB was also observed in the presence of DAPT. So PDGFB is able to improve tumor vascularity and allows the anticancer action of DAPT in the tumor.

Product Info

Amount : 2 Recombinant Protein (His Tag)(Discontinued) / 200 µg

Purification : > 95 % as determined by SDS-PAGE.

Content : Formulation Lyophilized from sterile 30 % CAN, 0.1 % TFA. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.

Storage condition : Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Amino Acid : Ser82-Thr190

Application Note

1. Measured by its binding ability in a functional ELISA. 2. Immobilized mouse PDGF-B at 10⁵ µg/mL (100⁵ µL/well) can bind human PDGFRbeta-Fch, the EC₅₀ of human PDGFRbeta-Fch is 0.03-0.2 µg/mL. Other pack size also available.

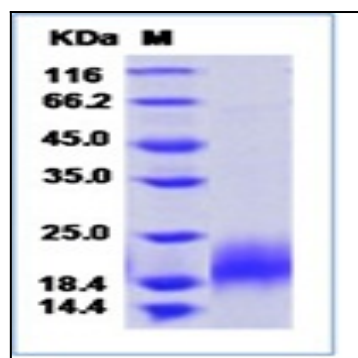


Fig 1: Mouse PDGF-B / PDGF-2 Recombinant Protein (His Tag)