

PDGF-B Active Protein | PDGFB active protein

PDGF-B Protein, Mouse, Recombinant (His Tag)

CATALOG #
AAA258203

HOST
Yeast

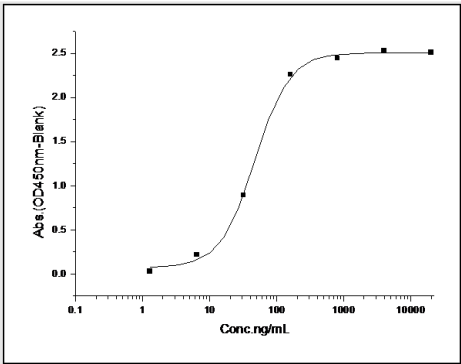
PRODUCT SYNONYMS

PDGF-B; PDGF-B Protein; Mouse; Recombinant (His Tag); Mouse PDGF-B/PDGF-2 Protein (His Tag); Sis Protein; platelet-derived growth factor beta polypeptide; PDGFB active protein

PRODUCT SPECIFICATIONS

Host	Yeast
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from sterile 30% CAN, 0.1% TFA. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Sequence	Ser82-Thr190
Species	Mouse
Predicted N Terminal	His
Tag	N-His
Protein Construction	A DNA sequence encoding the mouse PDGFB (AAH23427.1)(Ser82-Thr190) was expressed with a polyhistidine tag at the N-terminus.
Reconstitution	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
Activity	Measured by its binding ability in a functional ELISA. Immobilized Human PDGFRB at 2ug/ml (100uL/well) can bind Mouse PDGF-B His. The EC50 of Mouse PDGF-B His is 4-24ng/mL.
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice.

IMAGES



Application Data
Measured by its binding ability in a functional ELISA. Immobilized Human PDGFRB at 2 ug/ml (100 ul/well) can bind Mouse PDGF-B His, the EC50 of Mouse PDGF-B His is 4-24 ng/mL.

ADDITIONAL INFORMATION

Related Product Information for PDGFB active protein	Background: 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.
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NCBI AND UNIPROT INFORMATION

Molecular Weight	The recombinant mouse PDGFB consists of 124 amino acids and predicts a molecular mass of 14.2kDa.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/yeast-pdgfb-active-protein/pdgf-b/258203>