

Platelet Derived Growth Factor-BB, Mouse Recombinant

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| Catalog No. | CRP138A CRP138B CRP138C | Quantity: | 2 µg 1 mg 10 µg |
| Alternate Names: | PDGF-BB | | |
| Description: | Platelet-Derived Growth Factor BB Mouse Recombinant is a homodimeric, non-glycosylated, polypeptide chain containing 109 amino acids and having a MW = 24.446 kDa. | | |
| Source: | <i>E. coli.</i> | | |
| Formulation: | The protein was lyophilized without additives. | | |
| Purity: | Greater than 95.0% as determined by analysis by RP-HPLC and by SDS-PAGE. | | |
| Biological Activity: | The ED ₅₀ , calculated by the dose-dependant proliferation of mouse BALB/c 3T3 indicator cells (measured by ³ H-thymidine uptake) is < 2 ng/ml. | | |
| Amino Acid Sequence: | The sequence of the first five N-terminal amino acids is Ser-Leu-Gly-Ser-Leu. | | |
| Reconstitution: | It is recommended to reconstitute the lyophilized Platelet-derived Growth Factor-BB in sterile 100 mM acetic acid and 0.1% BSA not less than 100 µg/ml, which can then be further diluted to other aqueous solutions. | | |
| Storage & Stability: | Lyophilized Platelet-derived Growth Factor BB although stable at room temperature for 3 weeks, should be stored desiccated below -20°C. Upon reconstitution PDGF BB should be stored at 2-4°C between 2-7 days and for future use below -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles. | | |

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