

## PRODUCT INFORMATION SUMMARY

### Mouse PDGF-BB

Purified Factor	Product Number	RC444380B	10.0 ug
	Product Number	RC444380A	2.0 ug

#### DESCRIPTION:

Mouse Platelet Derived Growth Factor (PDGF) is a strong mitogen active on a wide range of cell types including fibroblasts, connective tissue and smooth muscle. These factors are stored in platelet alpha granules and released upon platelet activation. Composed of a dimer with A and B chains, and can be present in AB heterodimer or AA or BB homodimer forms. Mouse PDGF-BB is a 24.4 kDa homodimeric protein with total 218 a.a. residues.

**SOURCE:** E. Coli  
Purity > 98% by HPLC analysis  
Endotoxin < 0.1 ng per ug PDGF  
Sterile filtered and lyophilized.  
Additive-free.

#### BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards, activity determined by dose-dependent induction of thymidine uptake by BALB/c 3T3 cells, ED<sub>50</sub> of 2.0 ng/mL.

#### HANDLING AND STORAGE:

Purified PDGF is provided lyophilized from 10mM Sodium Citrate, pH 4.0, with no additives. Store lyophilized, at -20 ° C. **Quick spin** and reconstitute with distilled or sterile water to concentration of 100 ug/mL; further dilute in PBS or other buffered solutions. Store small aliquots at -20 ° C, **with addition of 0.1% BSA**, for long-term storage - up to 3 months, at high concentration.

**Before opening vial**, it is recommended to **microcentrifuge vial** for 30 seconds to spin-down any lyophilized material that may adhere to top of vial. The small amounts of protein may adhere to the vial as a very thin coat of lyophilized material, and may be difficult to see as a pellet.

#### WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

**RESEARCH USE ONLY -NOT for DRUG USE**