

ANTIGENIX AMERICA Inc.
1-800-558-1008
PRODUCT INFORMATION SUMMARY

Human PDGF-AB

Purified Factor	Product Number	HC88847B	10.0 ug
		HC88847A	2.0 ug

DESCRIPTION:

Human Platelet Derived Growth Factor (PDGF) is a strong mitogen active on a wide range of cell types including fibroblasts, connective tissue and smooth muscle. Composed of a dimer with A and B chains, and can be present in AB heterodimer or AA or BB homodimer forms. Human PDGF-AB is a 25.5 kDa heterodimeric protein with 13.3 and 12.2 kDa chains.

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, ED₅₀ of <1.0 ng/mL and specific activity of > 1 x 10⁶ units/mg.

HANDLING AND STORAGE:

Purified PDGF is provided lyophilized with no additives. Store lyophilized, at -20° C. Quick spin and reconstitute with 100 uL 10mM acetic acid, further dilute in PBS or other buffered solutions. Store small aliquots at -20° C for long-term storage, 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