



CELLKINES

Recombinant Human Platelet Derived

Growth Factor-BB Homodimer (rhPDGF-B)

ZMC Catalog #: Unit Size: Fill Volume: Lot Number: 300361

0801100 10 µg 0.1 ml Protein Concentration: 0.13 mg/ml

0801101 100 µg 1.0 ml Endotoxin: 0.025 ng/ml

PRODUCT

CHARACTERISTICS

Platelet Derived Growth Factor is a highly conserved dimeric glycoprotein consisting of A and/or B chains linked by disulfide bridges. A small percentage of PDGF isolated from human platelets is the BB form. In addition, the v-cis gene product of the simian sarcoma virus is essentially identical to the PDGF- B chain. PDGF-BB is useful in the study of PDGF receptors, and has bioactivity equivalent to that of naturally-derived PDGF.

PURITY One band on non-reducing SDS-PAGE at 29,000-30,000 MW. One broad peak on HPLC.

ACTIVITY rhPDGF-B produced a half-maximal response at a concentration of 5-30 ng/ml in a mitogenic assay which measures the incorporation of 3H-thymidine by human foreskin fibroblast cells.

RECOMMENDED

USAGE

A dose response assay should be performed to determine the optimal concentration for use in each relevant application.

SOURCE Recombinant DNA modified yeast (*S. cerevisiae*). Purified using reverse-phase HPLC.

STORAGE AND

STABILITY

Product is stable when stored at -20°C. Store in working aliquots at -20°C to avoid repeated freeze-thaw cycles.

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All products are for Research Use Only and not for *in vitro* Diagnostic Use

This Package Insert is provided for product evaluation purposes only and is not intended to be used in place of the Package

Insert shipped with the product.

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Trial Version