

Recombinant Human PDGF-AA

CATALOG #: 4482-10 10 µg
4482-50 50 µg
4482-1000 1 mg

LOT #: _____

SOURCE: *E. coli*

PURITY: >98% by SDS-PAGE and HPLC analyses
Endotoxin level is <0.01 ng per µg.

MOL. WEIGHT: 28.5 kDa

FORM: Lyophilized with no additives

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitution in 10 mM acetic acid to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

STORAGE CONDITIONS:

The lyophilized protein is best-stored desiccated below 0°C. Reconstituted human PDGF-AA should be stored in working aliquots at -20°C.

DESCRIPTION:

Platelet Derived Growth Factor (PDGF) is a potent mitogen for a wide range of cell types including fibroblasts, smooth muscle and connective tissue. PDGF, which is composed of a dimer of two chains termed the A chain and B chain, can be present as AA or BB homodimers or as an AB heterodimer. Human PDGF-AA is a 28.5 kDa A chain homodimer protein containing 250 amino acid residues.

BIOLOGICAL ACTIVITY:

The activity is calculated by the dose-dependent proliferation of mouse 3T3 indicator cells and is typically 3 – 5 ng/ml.

FOR RESEARCH USE ONLY! Not to be used on humans.

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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- Senescence Detection Kit
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- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
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