

Human CellExp PDGF-AA, Human recombinant protein
Human CellExp Human Recombinant PDGF-AA
Catalog # PBV10708r**Specification**

Human CellExp PDGF-AA, Human recombinant protein - Product info

Primary Accession	P04085
Calculated MW	35, 40 and 45 kDa, homodimer, glycosylated KDa

Human CellExp PDGF-AA, Human recombinant protein - Additional Info

Gene ID	5154
Gene Symbol	PDGFA
Other Names	
Glioma-derived growth factor, GDGF, Osteosarcoma-derived Growth Factor, ODGF, PDGF-AA, PDGF-1.	

Gene Source	Human
Source	Human 293 cell expressed
Assay&Purity	SDS-PAGE; > 95%
Assay2&Purity2	N/A;
Recombinant	Yes
Results	200 to 1000 ng/ml

Application Notes

Reconstitute in sterile PBS containing 10 mM AcOH.

Format

Lyophilized

Storage

-80°C; Lyophilized from a solution of 10 mM AcOH.

Human CellExp PDGF-AA, Human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human CellExp PDGF-AA, Human recombinant protein - Images**Human CellExp PDGF-AA, Human recombinant protein - Background**

PDGF-AA, PDGF-BB and PDGF-AB, are potent mitogens for a variety of cell types including smooth muscle cells, connective tissue cells, bone and cartilage cells, and some blood cells. The PDGF is stored in platelet alpha-granules and released upon platelet activation. The PDGF is involved in a number of biological processes, including hyperplasia, chemotaxis, embryonic neuron development, and respiratory tubule epithelial cell development. Two distinct signaling receptors used by PDGF have been identified and named PDGFR-alpha and PDGFR-beta. PDGFR-alpha is high-affinity receptor for each of the three PDGF forms. On the other hand, PDGFR-beta interacts with only PDGF-BB and PDGF-AB.

Human CellExp PDGF-AA, Human recombinant protein - References

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