

Datasheet: PHP035

Description:	RECOMBINANT HUMAN PDGF AA HOMODIMER
Name:	PDGF AA HOMODIMER
Other names:	PLATELET DERIVED GROWTH FACTOR AA
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	10 µg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA			▪	
Functional Assays	▪			0.2ng/ml - 10ng/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified recombinant protein - lyophilised
Reconstitution	Reconstitute with 10ul distilled water. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.
Preparation	Recombinant protein prepared from <i>E.Coli</i>
Buffer Solution	10mM Acetic Acid
Preservative Stabilisers	None present
Carrier Free	Yes
Endotoxin Level	< 0.1 ng/mg

Approx. Protein Concentrations 1.0 mg/ml after reconstitution

External Database Links

UniProt:
[P04085](#) [Related reagents](#)

Entrez Gene:
[5154](#) PDGFA [Related reagents](#)

Synonyms PDGF1

Product Information **Recombinant Human Platelet Derived Growth Factor (PDGF)** is a potent mitogen, acting on cell types such as fibroblasts and smooth muscle cells. PDGF is a dimeric protein being composed of A and B chains. The dimer may be formed from AA, BB or AB chain combinations.

Protein Molecular Weight 26.5kDa (250 amino acid sequence)

Purity >98% by SDS PAGE and N-terminal sequence analysis.

Storage Prior to reconstitution store at +4°C. Following reconstitution store at -20°C.

This product should be stored undiluted.

Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee 3 months from date of reconstitution

Health And Safety Information Material Safety Datasheet documentation #10277 available at: 10277: <https://www.bio-rad-antibodies.com/uploads/MSDS/10277.pdf>

Regulatory For research purposes only

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