

# Recombinant Human Platelet Derived Growth Factor-AB (PDGF-AB)








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

Rev. 2.00

<b>Catalog Number:</b>	PHG0134
<b>Quantity:</b>	10 µg
<b>Lot Number:</b>	See product label.
<b>Molecular Weight:</b>	25.5 kDa disulfide-linked heterodimer composed of one A chain and one B chain.
<b>Purity:</b>	≥98% as determined by SDS-PAGE and HPLC analyses.
<b>Biological Activity:</b>	ED <sub>50</sub> = 1–3 ng/mL. The biological activity was determined by measuring PDGF-AB dose-dependent proliferation of BALB/c 3T3 cells. The optimal concentration should be determined for each specific application.
<b>Formulation:</b>	Lyophilized with no additives. Sterile filtered (0.2 micron) prior to lyophilization.
<b>Endotoxin:</b>	<0.1 ng/µg
<b>Source:</b>	Recombinant human PDGF-AB is produced in <i>E. coli</i> and purified via sequential chromatography.
<b>Reconstitution Recommendation:</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in 10 mM acetic acid to a concentration of 0.1–1.0 mg/mL. <i>Do not vortex</i> . This solution can be stored at 2°C to 8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein, such as 0.1% BSA and store in working aliquots at –20°C to –80°C.
<b>Storage:</b>	The lyophilized protein is stable at room temperature for 1 month, but should be kept at –20°C for long term storage, preferably desiccated. Working aliquots stored with a carrier protein are stable for at least 12 months at –20°C to –80°C. Avoid repeated freeze/thaw cycles.
<b>Expiration Date:</b>	See product label.

## Explanation of Symbols

The symbols present on the product label are explained below:

Symbol	Description
	Catalog Number
	Research Use Only
	Use by
	Manufacturer
	Without, does not contain
	Protect from light
	Directs the user to consult instructions for use (IFU), accompanying the product.

Symbol	Description
	Batch code
	In vitro diagnostic medical device
	Temperature limitation
	European Community authorized representative
	With, contains
	Consult accompanying documents

### Limited Use Label License: Research Use Only

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