

# Recombinant Human IGF-1








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

Revision Date 06 May 2011

<b>Catalog Number:</b>	PHG0078	PHG0071
<b>Quantity:</b>	20 µg	100 µg
<b>Lot Number:</b>	See product label.	
<b>Description:</b>	Recombinant human IGF-1 is a globular protein containing 70 amino acids and 3 intra-molecular disulfide bonds.	
<b>Purity:</b>	≥98% by SDS PAGE and HPLC analyses.	
<b>Biological Activity:</b>	ED <sub>50</sub> is ≤2.0 ng/mL, determined by its ability to stimulate the proliferation of mouse FDC-P1-cells.	
<b>Formulation:</b>	Sterile filtered through a 0.2 micron filter. Lyophilized with no additives.	
<b>Endotoxin:</b>	<0.1 ng/µg of IGF-1	
<b>Production:</b>	Produced in <i>E. coli</i> .	
<b>Reconstitution Recommendation:</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in water, 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>Suggested Working Dilutions:</b>	The optimal concentration should be determined for each specific application.	
<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. 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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