

# Product Datasheet

## Recombinant Human IGF-I/IGF-1 Protein **NBP1-99531-1000ug**

Unit Size: 1000 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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**NBP1-99531-1000ug**

Recombinant Human IGF-I/IGF-1 Protein

**Product Information**

<b>Unit Size</b>	1000 ug
<b>Concentration</b>	Lyoph
<b>Storage</b>	Store at -20 to -80C. Avoid freeze-thaw cycles.
<b>Reconstitution Instructions</b>	Reconstitute in dH <sub>2</sub> O or 10 mM AcOH to 1.0 mg/ml. This solution can then be diluted into other buffered solutions or stored at 4C for 1 week or -20C for long-term storage.
<b>Purity</b>	>97%, by SDS-PAGE
<b>Buffer</b>	Lyophilized with no additives.
<b>Target Molecular Weight</b>	9.11 kDa

**Product Description**

<b>Description</b>	Recombinant bioactive protein for Human IGF-I  <b>Source:</b> <i>E. coli</i> <b>Amino Acid Sequence:</b> (P01343)
<b>Gene ID</b>	3479
<b>Gene Symbol</b>	IGF1
<b>Species</b>	Human
<b>Preparation Method</b>	Determined to be >97% pure by SDS-PAGE
<b>Details of Functionality</b>	The ED <sub>50</sub> as determined by a cell proliferation assay using NIH3T3 cells is typically 1-6 ng/ml.
<b>Endotoxin Note</b>	<0.1 ng/ug

**Product Application Details**

<b>Applications</b>	SDS-Page, Bioactivity
<b>Recommended Dilutions</b>	SDS-Page, Bioactivity



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## **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt.

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