

# Product Datasheet

## Recombinant Human IGF-II/IGF2 Protein **NBP1-99859**

Unit Size: 0.05 mg

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

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**NBP1-99859**

## Recombinant Human IGF-II/IGF2 Protein

**Product Information**

<b>Unit Size</b>	0.05 mg
<b>Concentration</b>	Lyoph
<b>Storage</b>	Store at -20 to -80C. Avoid freeze-thaw cycles.
<b>Reconstitution Instructions</b>	Reconstitute in 10 mM acetic acid to 0.1 - 1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4C for 1 week or -20C for long-term storage.
<b>Purity</b>	>98%, by SDS-PAGE
<b>Buffer</b>	Lyophilized with no additives.
<b>Target Molecular Weight</b>	7.5 kDa

**Product Description**

<b>Description</b>	Recombinant bioactive protein containing 67 amino acids for Human IGF-II  <b>Source:</b> <i>E. coli</i> <b>Amino Acid Sequence:</b> (P01344)
<b>Gene ID</b>	3481
<b>Gene Symbol</b>	IGF2
<b>Species</b>	Human
<b>Preparation Method</b>	Determined to be >98% pure by SDS-PAGE
<b>Details of Functionality</b>	The recombinant human IGF-II is biologically active when compared to standard. The ED50 as determined by competitive binding against plasma-derived IGF-II to human placental membranes is <1.0 ng/ml, corresponding to a specific activity of >1 x 10 <sup>6</sup> units/mg.
<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. Peptides and proteins are guaranteed for 3 months from date of receipt.

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