

# Product Datasheet

## Recombinant Human IGF-II/IGF2 Protein NBP2-59722-10ug

Unit Size: 10ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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**NBP2-59722-10ug****Recombinant Human IGF-II/IGF2 Protein**

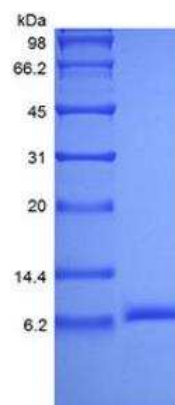
<b>Product Information</b>	
<b>Unit Size</b>	10ug
<b>Concentration</b>	Lyoph
<b>Storage</b>	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
<b>Purity</b>	> 98 % pure by SDS-PAGE and HPLC
<b>Buffer</b>	Lyophilized from a 0.2 um filtered concentrated solution in 20 mM Tris-HCl, pH 8.0, 150 mM NaCl, with 0.02 % Tween-20.
<b>Target Molecular Weight</b>	7.5 kDa

<b>Product Description</b>	
<b>Description</b>	<p>A single non-glycosylated polypeptide chain containing 67 amino acids corresponding to IGF-II/IGF2 <b>Source:</b> <i>E. coli</i></p> <p><b>Uniprot ID:</b> E3UN46</p> <p><b>Amino Acid Sequence:</b> AYRPSETLCG GELVDTLQFV CGDRGFYFSR PASRVSRRSR GIVEECCFRS CDLALLETYC ATPAKSE</p>
<b>Gene ID</b>	3481
<b>Gene Symbol</b>	IGF2
<b>Species</b>	Human
<b>Details of Functionality</b>	IGF-II/IGF2 protein is fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using serum free human MCF-7 cells is less than 2 ng/ml, corresponding to a specific activity of > 5.0 x 10 <sup>5</sup> IU/mg.
<b>Endotoxin Note</b>	Less than 1 EU/ug of IGF-II/IGF2 as determined by LAL method.

<b>Product Application Details</b>	
<b>Applications</b>	Bioactivity
<b>Recommended Dilutions</b>	Bioactivity

**Images**

SDS-Page: Recombinant Human IGF-II Protein [NBP2-59722] - Recombinant IGF-II Protein [NBP2-59722] - 98 % by SDS-PAGE and HPLC analyses.





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### **Products Related to NBP2-59722-10ug**

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NBP2-48510PEP	IGF-II/IGF2 Recombinant Protein Antigen
236-EG-200	EGF [Unconjugated]
292-G2-050	IGF-II/IGF2 [Unconjugated]
291-G1-200	IGF-I/IGF-1 [Unconjugated]

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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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