

# Product Datasheet

## Human IGFBP-1 Recombinant Protein NBP2-36735-5ug

Unit Size: 5 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-36735-5ug****Human IGFBP-1 Recombinant Protein**

<b>Product Information</b>	
<b>Unit Size</b>	5 ug
<b>Concentration</b>	Lyoph
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Reconstitution Instructions</b>	Centrifuge prior to opening. Reconstitute with sterilized PBS to a final concentration of 0.1 mg/ml. Further dilutions should be made in appropriately buffered solutions.
<b>Target Molecular Weight</b>	25 kDa

<b>Product Description</b>	
<b>Description</b>	<p>A single glycosylated polypeptide protein corresponding to amino acids Ala26 - Asn259 IGFBP1 (P08833).</p> <p><b>Source:</b> <i>Mouse myeloma cell line, NS0</i></p>
<b>Gene ID</b>	3484
<b>Gene Symbol</b>	IGFBP1
<b>Species</b>	Human
<b>Preparation Method</b>	Lyophilized from a 0.2 um filtered concentrated solution in acetonitrile and TFA.
<b>Details of Functionality</b>	The ED50, as determined by the inhibition of rhIGF-I-induced proliferation of MCF-7 cells, is less than 4 mg/mL.
<b>Notes</b>	This lyophilized preparation is stable at 2-8 degrees C, but should be kept at -20 degrees C for long term storage, preferably desiccated. Upon reconstitution, the preparation is most stable at -20 to -80 degrees C, and can be stored for one week at 2-8 degrees C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20 degrees C to -80 degrees C. Avoid repeated freeze/thaw cycles.
<b>Endotoxin Note</b>	Less than 1 EU/ug of rHuIGFBP-1 as determined by LAL method.

<b>Product Application Details</b>	
<b>Applications</b>	Functional, SDS-Page, Bioactivity
<b>Recommended Dilutions</b>	Functional, 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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