

# Product Datasheet

## Recombinant Human VEGF 165 Protein NBP3-07101-10ug

Unit Size: 10 ug

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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**NBP3-07101-10ug**

Recombinant Human VEGF 165 Protein

Product Information	
Unit Size	10 ug
Concentration	Lyoph
Storage	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.
Preservative	No Preservative
Reconstitution Instructions	Briefly centrifuge prior to opening vial to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to 0.1-1.0 mg/mL.
Purity	> 97 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS (pH 7.4), 0.02% Tween-20.

Product Description	
Description	<p>A disulfide-linked homodimeric protein consisting of two 166 amino acid polypeptide chains corresponding to VEGF 165. As a result of glycosylation, it migrates to at least three bands with molecular weights ranging from 20-31 kDa in SDS-PAGE under reducing conditions <b>Source:</b> Yeast</p> <p><b>Uniprot ID:</b> P15692-4</p> <p><b>Amino Acid Sequence:</b> MAPMAEGGGQ NHHEVVKFMD VYQRSYCHPI ETLVDIFQEY PDEIEYIFKP SCVPLMRCGG CCNDEGLECV PTEESNITMQ IMRIKPHQQG HIGEMSFLQH NKCECRPKKD RARQENPCGP CSERRKHLFV QDPQTCKCSC KNTDSRCKAR QLELNERTCR CDKPRR</p>
Gene ID	7422
Gene Symbol	VEGFA
Species	Human
Details of Functionality	Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using human umbilical vein endothelial cells(HUVEC) is between 1.0-8.0 ng/mL.
Endotoxin Note	Less than 0.1 EU/ug of VEGF 165 as determined by LAL method.

Product Application Details	
Applications	Bioactivity
Recommended Dilutions	Bioactivity





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### **Products Related to NBP3-07101-10ug**

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NBP1-72489-100ug	Recombinant Human VEGF 165 His Protein
NB100-105	HIF-1 alpha Antibody (H1alpha67)
NBP3-18846	VEGF 165 Antibody (RM391)
210-TA-005	TNF-alpha [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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