

# Product Datasheet

## Recombinant Rat VEGF120 Protein NBP2-76336-10ug

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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**NBP2-76336-10ug**

## Recombinant Rat VEGF120 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	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.
Purity	>95%, by SDS-PAGE
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Target Molecular Weight	18.5 kDa
Product Description	
Description	A disulfide-linked homodimeric protein consisting of two 121 amino acid polypeptide chains corresponding to VEGF120. As a result of glycosylation, it migrates to at least two bands with molecular weights ranging from 185 kDa in SDS-PAGE under reducing conditions <b>Source:</b> <i>Yeast</i>  <b>Amino Acid Sequence:</b> <i>MAPTTEGEQK AHEVVKFMDV YQRSYCRPIE TLVDIFQEYP DEIEYIFKPS CVPLMRCAGC CNDEALECVP TSESNVTMQI MRIKPHQSQH IGEMSFLQHS RCECRPKKDR TKPEKCDKPR R</i>
Gene ID	7422
Gene Symbol	VEGFA
Species	Rat
Details of Functionality	VEGF120 protein is fully biologically active when compared to standard. Measured in a cell proliferation assay using HUVEC human umbilical vein endothelial cells. The ED50 for this effect is 2-10 ng/mL.
Endotoxin Note	Less than 0.1 EU/ug of VEGF120 as determined by LAL method.
Product Application Details	
Applications	Bioactivity
Recommended Dilutions	Bioactivity
Application Notes	As a result of glycosylation, it migrates to at least two bands with molecular weights ranging from 18.5 kDa in SDS-PAGE under reducing conditions.



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### **Products Related to NBP2-76336-10ug**

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NBP2-35188-100ug	Recombinant Mouse VEGF120 Protein
NB100-105	HIF-1 alpha Antibody (H1alpha67)
210-TA-005	TNF-alpha [Unconjugated]
M6000B-1	IL-6 [HRP]

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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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