

# Product Datasheet

## Recombinant Rat VEGF 164 Protein NBP2-35310-100ug

Unit Size: 100 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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Updated 1/25/2025 v.20.1

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**NBP2-35310-100ug**

Recombinant Rat VEGF 164 Protein

Product Information	
Unit Size	100 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 and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in 20 mM Tris, 300 mM NaCl, pH 8.8.
Target Molecular Weight	38.7 kDa

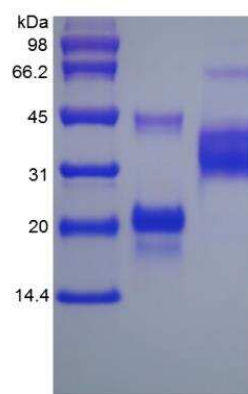
Product Description	
Description	<p>A disulfide-linked homodimeric protein, consisting of two 165 amino acid polypeptide chains with Met at N-terminus corresponding to VEGF 164 <b>Source:</b> <i>E. coli</i></p> <p><b>Uniprot ID:</b> P16612</p> <p><b>Amino Acid Sequence:</b> MAPTTEGEQK AHEVVKFMDV YQRSYCRPIE TLVDIFQEYP DEIEYIFKPS CVPLMRCAGC CNDEALECVP TSESNTVMQI MRIKPHQSQH IGEMSFLQHS RCECRPKKDR TKPEKHCEPC SERRKHLFVQ DPQTCKCSCK NTDSRCKARQ LELNERTCRC DKPRR</p>
Gene ID	7422
Gene Symbol	VEGFA
Species	Rat
Details of Functionality	VEGF 165 Protein is fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using human umbilical vein endothelial cells(HUVEC) is less than 5 ng/ml, corresponding to a specific activity of > 2.0 x 10 <sup>5</sup> IU/mg.
Endotoxin Note	Less than 1 EU/ug of VEGF 164 as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity



## Images

SDS-Page: Rat VEGF 164 Protein [NBP2-35310]





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### **Products Related to NBP2-35310-100ug**

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NBP2-35189-100ug	Recombinant Mouse VEGF 164 Protein
NB100-105	HIF-1 alpha Antibody (H1alpha67)
NBP2-79619-15Plates	VEGF 164 Antibody Pair [HRP]
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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