

# Product Datasheet

## Recombinant Mouse VEGF120 Protein NBP2-76334-10ug

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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**NBP2-76334-10ug****Recombinant Mouse VEGF120 Protein**

<b>Product Information</b>	
<b>Unit Size</b>	10 ug
<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>	>95%, by SDS-PAGE
<b>Buffer</b>	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
<b>Target Molecular Weight</b>	20.7 kDa

<b>Product Description</b>	
<b>Description</b>	<p>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 207 kDa in SDS-PAGE under reducing conditions <b>Source:</b> <i>Yeast</i></p> <p><b>Amino Acid Sequence:</b> MAPTTEGEQK SHEVIKFMDV YQRSYCRPIE  TLVDIFQEYP DEIEYIFKPS CVPLMRCAGC CNDEALECVP TSESNITMQI  MRIKPHQSQH IGEMSFLQHS RCECRPKKDR TKPEKCDKPR R</p>
<b>Gene ID</b>	7422
<b>Gene Symbol</b>	VEGFA
<b>Species</b>	Mouse
<b>Details of Functionality</b>	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 1-4 ng/mL.
<b>Endotoxin Note</b>	Less than 0.1 EU/ug of VEGF120 as determined by LAL method.

<b>Product Application Details</b>	
<b>Applications</b>	Bioactivity
<b>Recommended Dilutions</b>	Bioactivity
<b>Application Notes</b>	As a result of glycosylation, it migrates to at least two bands with molecular weights ranging from 20.7 kDa in SDS-PAGE under reducing conditions.





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### **Products Related to NBP2-76334-10ug**

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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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