

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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Updated 1/25/2025 v.20.1

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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	<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 185 kDa in SDS-PAGE under reducing conditions Source: <i>Yeast</i></p> <p>Amino Acid Sequence: MAPTTEGEQK AHEVVKFMDV YQRSYCRPIE TLVDIFQEYP DEIEYIFKPS CVPLMRCAGC CNDEALECVP TSESNTVMQI MRIKPHQSQH IGEMSFLQHS RCECRPKKDR TKPEKCDKPR R</p>
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.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-76336-10ug

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]

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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