

Product Datasheet

Recombinant Rat VEGF 164 Protein NBP2-76337-10ug

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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NBP2-76337-10ug**Recombinant Rat VEGF 164 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	25.7 kDa

Product Description	
Description	<p>A disulfide-linked homodimeric protein consisting of two 165 amino acid polypeptide chains corresponding to VEGF 164. As a result of glycosylation, it migrates to at least two bands with molecular weights ranging from 25.7 kDa in SDS-PAGE under reducing conditions Source: <i>Yeast</i></p> <p>Amino Acid Sequence: MAPTTEGEQK AHEVVKFMDV YQRSYCRPIE TLVDIFQEYP DEIEYIFKPS CVPLMRCAGC CNDEALECVP TSESNVTMQI MRIKPHQSQH IGEMSFLQHS RCECRPKKDR TKPEKHCEPC SERRKHLFVQ DPQTCKCSCK NTDSRCKARQ LELNERTCRC DKPRR</p>
Gene ID	7422
Gene Symbol	VEGFA
Species	Rat
Details of Functionality	VEGF 164 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 0.75-3.75 ng/mL.
Endotoxin Note	Less than 0.1 EU/ug of VEGF 164 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 25.7 kDa in SDS-PAGE under reducing conditions.





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Products Related to NBP2-76337-10ug

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]

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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