Product Datasheet

Recombinant Mouse VEGF 164 Protein

NBP2-76335-10ug

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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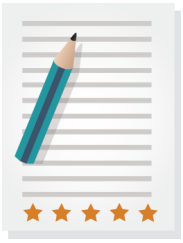

NBP2-76335-10ug

Recombinant Mouse 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	> 97 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Target Molecular Weight	40 kDa

Product Description	
Description	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 approximately 40 kDa in SDS-PAGE under non-reducing conditions **Source:** *Yeast* **Amino Acid Sequence:** *MAPTTEGEQK SHEVIKFMDV YQRSYCRPIE TLVDIFQEYP DEIEYIFKPS CVPLMRCAGC CNDEALECVP TSESNITMQI MRIKPHQSQH IGEMSFLQHS RCECRPKKDR TKPEKHCEPC SERRKHLFVQ DPQTCKCSCK NTDSRCKARQ LELNERTCRC DKPRR*
Gene ID	7422
Gene Symbol	VEGFA
Species	Mouse
Details of Functionality	Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using human umbilical vein endothelial cells(HUVEC) is between 1.0-5.0 ng/ml.
Endotoxin Note	Less than 0.01 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 approximately 40 kDa in SDS-PAGE under non-reducing conditions.

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Products Related to NBP2-76335-10ug

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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