

PE-01AVM95-P

VEGFR2 (135-150) Peptide Powder

16-mer immunogen peptide based on VEGFR2 (KDR)



KINEXUS

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Target Protein

Name Long:	Vascular endothelial growth factor receptor 2 ; Vascular endothelial growth factor receptor-tyrosine kinase 2 (Flk1)
Name Alias:	A type III receptor tyrosine kinase; CD309; FLK1; Kinase insert domain receptor; Protein-tyrosine kinase receptor Flk-1; Vascular endothelial growth factor receptor 2; VEGFR; VEGFR2; VGR2; CD309; CCDS3497.1; ENSG00000128052
Species Origin:	Human
UniProt ID:	P35968

Peptide Structure

Peptide Name:	VEGFR2 (135-150)
Peptide Origin:	In the extracellular domain of the receptor.
Peptide Sequence Location:	V135-C150
Peptide Sequence:	VVYITENKNKTVVIPC
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1819.1
Observed Peptide Mass:	1819.5
% Peptide Purity:	97
Peptide Appearance:	White powder
Peptide Form:	Solid
Peptide Solubility:	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
Lot Number:	KMP01CAK-121
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	Serves as a blocking peptide for use with the VEGFR2-1 rabbit polyclonal antibody (Cat. No.: NK245-1) that is also available from Kinexus.
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This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-866-KINASES (546-2737)