

PE-04AUK01-S

VEGFR2 (1056-1063) pY1059 Peptide Solution

8-mer immunogen and phosphatase substrate phosphopeptide 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 (1056-1063) pY1059
Peptide Origin:	In protein kinase catalytic domain activation T-loop between subdomains VII and VIII.
Peptide Sequence Location:	D1056-G1063
Peptide Sequence:	DPD(pY)VRKG
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated

Production

Peptide Production Method:	Solid-phase peptide synthesis
% Peptide Purity:	Spot
Peptide Appearance:	Clear liquid
Peptide Form:	Solution
Peptide Solubility:	Supplied at 1 mg/ml concentration in 5% DMSO in water
Lot Number:	KMP04CAH-60
Amount:	250 µg
Storage Conditions:	Frozen at -20 °C
Storage Stability:	Over 6 months at -20 °C and 1 mg/ml concentration

Applications

Product Use:	This phosphopeptide may be useful as a substrate for screening the phosphatase activity of protein phosphatases.
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This product is for in vitro research use only and is not intended for use in humans or animals.

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