

PE-04AUJ01-S

VEGFR2 (1051-1057) pY1054 Peptide Solution

7-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

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|-------------------------------------|---|
| Peptide Name: | VEGFR2 (1051-1057) pY1054 |
| Peptide Origin: | In protein kinase catalytic domain activation T-loop between subdomains VII and VIII. |
| Peptide Sequence Location: | R1051-P1057 |
| Peptide Sequence: | RDI(pY)KDP |
| Peptide N-Terminus: | Free amino |
| Peptide C-Terminus: | Amide |
| Peptide Modifications Other: | Phosphorylated |

Production

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|-----------------------------------|---|
| 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-59 |
| Amount: | 250 µg |
| Storage Conditions: | Frozen at -20 °C |
| Storage Stability: | Over 6 months at -20 °C and 1 mg/ml concentration |

Applications

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| 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.

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