

PE-01BEM80-P

PDK1 (2-21) Peptide Powder

20-mer immunogen peptide based on PDK1 (PDPK1)



KINEXUS

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Target Protein

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|------------------------|---|
| Name Long: | 3-phosphoinositide-dependent protein-serine kinase 1 |
| Name Alias: | 3-phosphoinositide dependent protein kinase-1; HPDK1; Kinase PDPK1; MGC20087; MGC35290; MPDK1; PDPK1; PkB kinase; PkB-like; PkB-like 2; Protein kinase B kinase |
| Species Origin: | Human |
| UniProt ID: | O15530 |

Peptide Structure

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|-------------------------------------|-----------------------|
| Peptide Name: | PDK1 (2-21) |
| Peptide Origin: | N-terminus |
| Peptide Sequence Location: | A2-C21 |
| Peptide Sequence: | ARTTSQLYDAVPIQSSV VLC |
| Peptide N-Terminus: | Free amino |
| Peptide C-Terminus: | Amide |
| Peptide Modifications Other: | None |

Production

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|-----------------------------------|---|
| Peptide Production Method: | Solid-phase peptide synthesis |
| Calculated Peptide Mass: | 2150.4 |
| Observed Peptide Mass: | 2148.9 |
| % Peptide Purity: | 81.0 |
| 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: | KMP01CAT-65 |
| Amount: | 1 mg |
| Storage Conditions: | Frozen at -20°C |
| Storage Stability: | Over 1 year at -20°C |

Applications

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| Product Use: | Serves as a blocking peptide for use with the PDK1-NT rabbit polyclonal antibody (Cat. No.: NK126-4) 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)