# PE-01BAB85-P

## PDHK2 (212-227) Peptide Powder

16-mer immunogen peptide based on PDK2 (PDHK2)

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## Target Protein

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|---|---|
| **Name Long:** | Pyruvate dehydrogenase kinase isoform 2; [Pyruvate dehydrogenase [lipoamide]] kinase isozyme 2, mitochondrial |
| **Name Alias:** | Kinase Pyruvate dehydrogenase kinase 2; PDK2; Pyruvate dehydrogenase [lipoamide] kinase isozyme 2, mitochondrial precursor |
| **Species Origin:** | Human |
| **UniProt ID:** | Q15119 |

## Peptide Structure

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| **Peptide Name:** | PDHK2 (212-227) |
| **Peptide Origin:** | Internal sequence in target protein. |
| **Peptide Sequence Location:** | C212-I227 |
| **Peptide Sequence:** | CDKYYMASPDLEIQEI |
| **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:** | 1917.1 |
| **Observed Peptide Mass:** | 1917.9 |
| **% Peptide Purity:** | 88 |
| **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-240 |
| **Amount:** | 1 mg |
| **Storage Conditions:** | Frozen at -20°C |
| **Storage Stability:** | Over 1 year at -20°C |

## Applications

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| **Product Use:** | Services as a blocking peptide for use with the PDK2-3 rabbit polyclonal antibody (Cat. No.: NN180-2) that is also available from Kinexus. |