

# PE-01BAC95-P

## PDHK3 (1-15) Peptide Powder

16-mer immunogen peptide based on PDK3 (PDHK3)



# KINEXUS

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### Target Protein

|                        |   |
|------------------------|---|
| <b>Name Long:</b>      | Pyruvate dehydrogenase kinase isoform 3; [Pyruvate dehydrogenase [lipoamide]] kinase isozyme 3, mitochondrial |
| <b>Name Alias:</b>     | Kinase Pyruvate dehydrogenase kinase 3; PDK3  |
| <b>Species Origin:</b> | Human   |
| <b>UniProt ID:</b>     | Q15120  |

### Peptide Structure

|                                     |                  |
|-------------------------------------|------------------|
| <b>Peptide Name:</b>                | PDHK3 (1-15)     |
| <b>Peptide Origin:</b>              | N-terminus       |
| <b>Peptide Sequence Location:</b>   | M1-Q15           |
| <b>Peptide Sequence:</b>            | MRLFRWLLKQPVPKQC |
| <b>Peptide N-Terminus:</b>          | Free amino       |
| <b>Peptide C-Terminus:</b>          | Amide            |
| <b>Peptide Modifications Other:</b> | None             |

### Production

|                                   |   |
|-----------------------------------|---|
| <b>Peptide Production Method:</b> | Solid-phase peptide synthesis   |
| <b>Calculated Peptide Mass:</b>   | 2042.6  |
| <b>Observed Peptide Mass:</b>     | 2042.1  |
| <b>% Peptide Purity:</b>          | 97  |
| <b>Peptide Appearance:</b>        | White powder  |
| <b>Peptide Form:</b>              | Solid   |
| <b>Peptide Solubility:</b>        | Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer |
| <b>Lot Number:</b>                | KMP01CAK-241  |
| <b>Amount:</b>                    | 1 mg  |
| <b>Storage Conditions:</b>        | Frozen at -20°C   |
| <b>Storage Stability:</b>         | Over 1 year at -20°C  |

### Applications

|                     |  |
|---------------------|--|
| <b>Product Use:</b> | Serves as a blocking peptide for use with the PDK3-1 rabbit polyclonal antibody (Cat. No.: NN181-1) 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.

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