

# PE-01AZY99-P

## PDHK1 (225-240) Peptide Powder

16-mer immunogen peptide based on PDK1 (PDHK1)



# KINEXUS

Address: 8755 Ash Street, Suite 1  
Vancouver, British Columbia,  
Canada V6P 6T3

Email: [info@kinexus.ca](mailto:info@kinexus.ca)  
Phone: 604-323-2547

### Target Protein

<b>Name Long:</b>	Pyruvate dehydrogenase kinase isoform 1; [Pyruvate dehydrogenase [lipoamide]] kinase isozyme 1, mitochondrial
<b>Name Alias:</b>	Kinase Pyruvate dehydrogenase kinase 1; Pyruvate dehydrogenase [lipoamide] kinase isozyme 1, mitochondrial precursor; Pyruvate dehydrogenase kinase isoform 1; Pyruvate dehydrogenase kinase, isozyme 1; PDK1
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	Q15118

### Peptide Structure

<b>Peptide Name:</b>	PDHK1 (225-240)
<b>Peptide Origin:</b>	Internal sequence in target protein.
<b>Peptide Sequence Location:</b>	V225-C240
<b>Peptide Sequence:</b>	VLEVIKDG YENARRLC
<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>	1877.1
<b>Observed Peptide Mass:</b>	1876.2
<b>% Peptide Purity:</b>	98
<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-237
<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 PDK1-3 rabbit polyclonal antibody (Cat. No.: NN179-2) 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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