

PE-01AZX90-P

PDHK1 (223-238) Peptide Powder

16-mer immunogen peptide based on PDK1 (PDHK1)



KINEXUS

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Target Protein

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

Peptide Structure

Peptide Name:	PDHK1 (223-238)
Peptide Origin:	Internal sequence in target protein.
Peptide Sequence Location:	C223-R238
Peptide Sequence:	CNVLEVIKDKGYENARR
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1878.1
Observed Peptide Mass:	1879.8
% Peptide Purity:	93
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-236
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	Serves as a blocking peptide for use with the PDK1-2 rabbit polyclonal antibody (Cat. No.: NN179-1) 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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