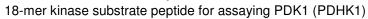
PE-01BIO90-P PDHKSubtide Peptide Powder





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

Email: info@kinexus.ca Phone: 604-323-2547

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
UniProt ID:	Q15118

Peptide Structure

Peptide Name:	PDHKSubtide
Peptide Origin:	Developed by Kinexus based on alignment of known substrates and Kinexus Kinase Substrate Predictor v2.0 algorithm.
Peptide Sequence Location:	Not applicable
Peptide Sequence:	RRYHGHSMSDPGVSYRTR
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	2335.6
Observed Peptide Mass:	2334.6
% Peptide Purity:	88.7
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:	KMP01CAS-09
Amount:	1 mg
Storage Conditions:	Frozen at -20 ℃
Storage Stability:	Over 1 year at -20 °C

Applications

Product Use:	For assaying the phosphotransferase activity of Pyruvate dehydrogenase kinase isoform 1; [Pyruvate dehydrogenase [lipoamide]] kinase isozyme 1,
	mitochondrial (UniProt ID Q15118).

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 <u>www.kinexusproducts.ca</u> or contact us at 1-866-KINASES (546-2737)