

PE-01BIV90-P

PKCMSubtide Peptide Powder

14-mer kinase substrate peptide for assaying PKC μ (PRKCM, PRKD1, PKD1)



KINEXUS

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

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

Target Protein

Name Long:	Protein-serine kinase C μ (Protein kinase D)
Name Alias:	Kinase PKD1; KPCD1; NPKC- μ ; PKCM; PKC- μ ; PKD; PRKCM; PRKD1; Protein kinase D1; Protein kinase C, μ type; Protein kinase D; ENSG00000184304
UniProt ID:	Q15139

Peptide Structure

Peptide Name:	PKCMSubtide
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:	FLRRRMSFVGFPAC
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1757.2
Observed Peptide Mass:	1756.3
% Peptide Purity:	91.3
Peptide Appearance:	White powder
Peptide Form:	Solid
Peptide Solubility:	Dissolve in 50 μ l DMSO and dilute to desired concentration with water or aqueous buffer
Lot Number:	KMP01CAS-16
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	For assaying the phosphotransferase activity of Protein-serine kinase C μ (Protein kinase D) (UniProt ID Q15139).
---------------------	---

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