PE-01BHA90-P

DCAMKLSubtide Peptide Powder

12-mer kinase substrate peptide for assaying DCAMKL2

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Target Protein

Name Long:	Serine/threonine-protein kinase DCLK2
Name Alias:	DCAK2; DCDC3; DCDC3B; DCK2; DCLK2; Doublecortin-like kinase 2; MGC45428; Serine/threonine-protein kinase DCLK2
UniProt ID:	Q8N568

Peptide Structure

Peptide Name:	DCAMKLSubtide
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:	KLPRAKSELTLC
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1429.7
Observed Peptide Mass:	1428.6
% Peptide Purity:	~90
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:	KMP01CAR-03
Amount:	1 mg
Storage Conditions:	Frozen at -20℃
Storage Stability:	Over 1 year at -20℃

Applications

Product Use:	For assaying the phosphotransferase activity of Serine/threonine-protein kinase DCLK2 (UniProt ID Q8N568).