

PE-01BIK99-P

p38Subtide Peptide Powder

14-mer kinase substrate peptide for assaying p38a MAPK (MAPK14)



KINEXUS

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Target Protein

Name Long:	Mitogen-activated protein-serine kinase p38 alpha; Mitogen-activated protein kinase 14
Name Alias:	CRK1; CSAID binding protein; CSBP; CSBP1; CSBP2; CSPB1; Cytokine suppressive anti-inflammatory drug binding protein; Kinase p38-alpha; MAPK14; PRKM15; p38a MAPK; SAPK2A; Mxi2; CCDS4815.1; ENSG00000112062
UniProt ID:	Q16539

Peptide Structure

Peptide Name:	p38Subtide
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:	KKLSPLSPLSPPGC
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1493.8
Observed Peptide Mass:	1493.4
% Peptide Purity:	>98
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-05
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 Mitogen-activated protein-serine kinase p38 alpha; Mitogen-activated protein kinase 14 (UniProt ID Q16539).
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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)