

PE-01BHT95-P

JNKSubtide Peptide Powder

13-mer kinase substrate peptide for assaying JNK1 (MAPK8)



KINEXUS

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Target Protein

Name Long:	Jun N-terminus protein-serine kinase (stress-activated protein kinase (SAPK)) 1
Name Alias:	c-Jun N-terminal kinase 1; JNK; JNK1A2; JNK1-alpha-2; JNK-46;JNK21B1/2; JUN N-terminal kinase; Kinase JNK1; MAPK8; MK08; PRKM8; SAPK1; SAPK1c; Stress-activated protein kinase JNK1; CCDS7225.1; ENSG00000107643
UniProt ID:	P45983

Peptide Structure

Peptide Name:	JNKSubtide
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:	KKEPLLTPEKAC
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1524.8
Observed Peptide Mass:	1524.2
% Peptide Purity:	95.8
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-21
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 JNK isoforms. JNKSubtide is also phosphorylated by other MAP kinases (e.g. ERK2, ERK5, p38a), GSK3a, and cyclin-dependent protein kinases (e.g. CDK2/CLNA and CDK5/p35).
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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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