

PE-04AWD00-P

JNK3 (220-226) pY223 Peptide Powder

9-mer immunogen and phosphatase substrate phosphopeptide based on JNK3 (MAPK10)



KINEXUS

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Target Protein

Name Long:	Mitogen-activated protein kinase 10
Name Alias:	C-Jun N-terminal kinase 3; EC 2.7.11.24; JNK3A; JNK3-alpha-2; Kinase JNK3; MAP kinase p49 3F12; MAPK10; MK10; P493F12; P54- beta; P54-beta; P54bSAPK; PRKM10; SAPK-beta; SERK2; Stress-activated protein kinase JNK3
Species Origin:	Human
UniProt ID:	P53779

Peptide Structure

Peptide Name:	JNK3 (220-226) pY223
Peptide Origin:	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
Peptide Sequence Location:	M220-T226
Peptide Sequence:	MTP(pY)VVT(bA)C
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated; Includes beta-alanine-cysteine at C-terminus for coupling to KLH or thio-agarose

Production

Peptide Production Method:	Solid-phase peptide synthesis
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:	KMP04CAR-05
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	This phosphopeptide may be useful as a substrate for screening the phosphatase activity of protein phosphatases.
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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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