

PE-03AAJ95-P

CREB1 (83-95) pS89+pS93 (CREBtide-P2), biotinyl Peptide Powder

16-mer peptide based on CREB1



KINEXUS

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Target Protein

Name Long:	cAMP-response element-binding protein 1
Name Alias:	CAMP-response element binding protein; CREB1; CREB-1
Species Origin:	Human
UniProt ID:	P16220

Peptide Structure

Peptide Name:	CREB1 (83-95) pS89+pS93 (CREBtide-P2), biotinyl
Peptide Origin:	Internal sequence in target protein.
Peptide Sequence Location:	K83-R95
Peptide Sequence:	KRREIL(pS)RRP(pS)YRG
Peptide N-Terminus:	btn-βA
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	2230.35
% Peptide Purity:	>95
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:	KSP03CAT
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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