

PE-01ADK95-P

PKA α (15-23) KinSub Peptide Powder

10-mer kinase substrate peptide for assaying PKAC β (PRKACB)



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Target Protein

Name Long:	cAMP-dependent protein kinase catalytic subunit beta
Name Alias:	KAPB; KAPB1; KAPCB; PKA C-beta; PKA-beta
UniProt ID:	P22694

Peptide Structure

Peptide Name:	PKA α (15-23) KinSub
Peptide Origin:	Based on cAMP-dependent protein kinase inhibitor
Peptide Sequence Location:	C15-I23
Peptide Sequence:	CGRTGRRNSI
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1118.4
% Peptide Purity:	> 95
Peptide Appearance:	White powder
Peptide Form:	Solid
Peptide Solubility:	Dissolve in 50 μ l DMSO and dilute to desired concentration with water or aqueous buffer
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	For assaying the phosphotransferase activities of cAMP-dependent protein kinase, alpha-catalytic subunit (PKA α , UniProt ID P17612), RAC-alpha serine-threonine-protein kinase (Akt1, UniProt ID P31749), 5'-AMP-activated protein kinase catalytic subunit alpha-1 (AMPK1 α , UniProt ID Q13131), and Ribosomal protein S6 kinase 2 (p70S6K β , UniProt ID Q9UBS0).
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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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