PE-01ADR95-P

AcCoACarbox (73-85) S77A, KinSub Peptide Powder

15-mer kinase substrate peptide for assaying ACACA

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Target Protein

Name Long:	Acetyl-CoA carboxylase 1
Name Alias:	ACAC; ACC; ACC1; ACCA; ACC-alpha; Acetyl-Coenzyme A carboxylase alpha; COA1
Species Origin:	Mouse
UniProt ID:	Q5SWU9

Peptide Structure

Peptide Name:	AcCoACarbox (73-85) S77A, KinSub
Peptide Origin:	Based on Acetyl-Coenzyme A carboxylase phosphosite
Peptide Sequence Location:	H73-K85
Peptide Sequence:	HMRSAMSGLHLVKRR
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Acid
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1336.6
% 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:	S07-58
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 5'-AMP-activated protein kinase catalytic subunit alpha-1 (UniProt ID Q13131) and 5'-AMP-activated protein kinase, catalytic subunit alpha-2 (AMPK1a2, UniProt ID P54646).