

PE-01ACW95-P

GYS1 (2-11) KinSub Peptide Powder

10-mer kinase substrate peptide for assaying GYS1



KINEXUS

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Target Protein

Name Long:	Glycogen [starch] synthase, muscle
Name Alias:	Glycogen synthase 1 (muscle); Glycogen synthase, muscle; GSY; GYS
Species Origin:	Rabbit
UniProt ID:	P13807

Peptide Structure

Peptide Name:	GYS1 (2-11) KinSub
Peptide Origin:	Based on rabbit muscle glycogen synthase N-terminus phosphosite
Peptide Sequence Location:	P2-S11
Peptide Sequence:	PLSRTLVSVS
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Acid
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1046.2
% 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:	G60-58
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	For assaying the phosphotransferase activity of Doublecortin- like and CAM kinase-like 1 (DCAMKL1, UniProt ID O15075).
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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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