

PE-04AXL90-P

GSK3Selectide Peptide Powder

17-mer kinase substrate peptide for assaying GSK3a



KINEXUS

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Target Protein

Name Long:	Glycogen synthase-serine kinase 3 alpha
Name Alias:	DKFZp686D0638; Factor A; Glycogen synthase kinase 3 alpha; GSK-3 alpha; GSK3-alpha; Kinase GSK3-alpha
UniProt ID:	P49840

Peptide Structure

Peptide Name:	GSK3Selectide
Peptide Origin:	Developed by Kinexus based on alignment of known substrates and Kinexus Kinase Substrate Predictor v2.0 algorithm.
Peptide Sequence Location:	Not applicable
Peptide Sequence:	KKGAPSPAPSPAP(pS)A(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
Calculated Peptide Mass:	1614.8
Observed Peptide Mass:	1615.8
% Peptide Purity:	92
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:	KSP04CBW
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 Glycogen synthase-serine kinase 3 alpha (UniProt ID P49840).
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This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-866-KINASES (546-2737)