

PE-04AUR01-S

GSK3a (275-281) pS278+pY279 Peptide Solution

7-mer immunogen and phosphatase substrate phosphopeptide based on 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
Species Origin:	Human
UniProt ID:	P49840

Peptide Structure

Peptide Name:	GSK3a (275-281) pS278+pY279
Peptide Origin:	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
Peptide Sequence Location:	P275-C281
Peptide Sequence:	PNV(pS)(pY)IC
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated

Production

Peptide Production Method:	Solid-phase peptide synthesis
% Peptide Purity:	Spot
Peptide Appearance:	Clear liquid
Peptide Form:	Solution
Peptide Solubility:	Supplied at 1 mg/ml concentration in 5% DMSO in water
Lot Number:	KMP04CAH-65
Amount:	250 µg
Storage Conditions:	Frozen at -20 °C
Storage Stability:	Over 6 months at -20 °C and 1 mg/ml concentration

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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