

PE-04AAZ90-P

AurC (190-197) pT191 Peptide Powder

9-mer immunogen and phosphatase substrate phosphopeptide based on AurKC (Aurora C, AIK3)



KINEXUS

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Target Protein

Name Long:	Aurora Kinase C (serine/threonine-protein kinase 13)
Name Alias:	AIE1; AIE2; AIK3; AURKC; Aurora, Ipl1, Eg2 protein 1 and 2; Aurora, Ipl1-related kinase 3; Aurora-C; STK13; STKD
Species Origin:	Human
UniProt ID:	Q9UQB9

Peptide Structure

Peptide Name:	AurC (190-197) pT191
Peptide Origin:	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
Peptide Sequence Location:	H190-R197
Peptide Sequence:	HTP(pS)LPR(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:	1102.1
Observed Peptide Mass:	1102.5
% Peptide Purity:	88
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:	KMP04CAN-11
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

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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