

PE-04ADI99-P

PPP1R11 (61-67) pY64 Peptide Powder

9-mer immunogen and phosphatase substrate phosphopeptide based on PPP1R11 (HCG V)



KINEXUS

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Target Protein

Name Long:	Protein phosphatase 1 regulatory subunit 11
Name Alias:	HCG V; HCG-V; HCGV; Hemochromatosis candidate gene V protein; inhibitor-3; IPP3; MGC125741; MGC125742; MGC125743; PP1RB; PPP1R11; Protein phosphatase 1 regulatory subunit 11; protein phosphatase 1, regulatory (inhibitor) subunit 11; protein phosphatase 1, regulatory (inhibitor) subunit 11, isoform 1; Protein phosphatase inhibitor 3; t-complex-associated-testis-expressed 5; TCTE5; TCTEX5
Species Origin:	Human
UniProt ID:	O60927

Peptide Structure

Peptide Name:	PPP1R11 (61-67) pY64
Peptide Origin:	In the PPI_Ypi1 domain. This is the major in vivo phosphorylation site in PPP1R11.
Peptide Sequence Location:	C61-P67
Peptide Sequence:	CCI(pY)EKP(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:	1109.2
Observed Peptide Mass:	1108.6
% Peptide Purity:	98.2
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:	KMP04CAT-34
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	Serves as a blocking peptide for use with the PPP1R11-pY64 rabbit polyclonal antibody (Cat. No.: PN532) that is also available from Kinexus. This phosphopeptide may also 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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