

PE-04ACZ80-P

HCA59 (144-150) pY147 Peptide Powder

9-mer immunogen and phosphatase substrate phosphopeptide based on HCA59 (Q9NZ63)



KINEXUS

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Target Protein

Name Long:	Uncharacterized protein C9orf78
Name Alias:	bA409K20.3; C9orf78; chromosome 9 open reading frame 78; CI078; HCA59; Hepatocellular carcinoma-associated antigen 59; HSPC220
Species Origin:	Human
UniProt ID:	Q9NZ63

Peptide Structure

Peptide Name:	HCA59 (144-150) pY147
Peptide Origin:	In the middle of the Hep_59 domain. This is the major in vivo phosphorylation site in HCA59.
Peptide Sequence Location:	D144-P150
Peptide Sequence:	DCL(pY)ELP(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:	1106.1
Observed Peptide Mass:	1104.7
% Peptide Purity:	80.8
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-23
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 HCA59-pY147 rabbit polyclonal antibody (Cat. No.: PN518) 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.

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