

PE-04AVG01-S

INSR (1182-1188) pY1185+pT1187 Peptide Solution

7-mer immunogen and phosphatase substrate phosphopeptide based on InsR (IR)



KINEXUS

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Target Protein

Name Long:	Insulin receptor
Name Alias:	CD220; CD220 antigen; HHF5; Insulin receptor; IR; Kinase InsR
Species Origin:	Human
UniProt ID:	P06213

Peptide Structure

Peptide Name:	INSR (1182-1188) pY1185+pT1187
Peptide Origin:	In protein kinase catalytic domain activation T-loop between subdomains VII and VIII.
Peptide Sequence Location:	R1182-D1188
Peptide Sequence:	RDI(pY)E(pT)D
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-77
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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