

# PE-04AAJ90-P

## InsR (1183-1195 ) pY1189 Peptide Powder

13-mer peptide based on InsR (IR)



# KINEXUS

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### Target Protein

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

### Peptide Structure

<b>Peptide Name:</b>	InsR (1183-1195 ) pY1189
<b>Peptide Origin:</b>	This phosphosite is located in the kinase activation loop between catalytic subdomains VII and VIII.
<b>Peptide Sequence Location:</b>	D1183-K1195
<b>Peptide Sequence:</b>	DIYETD(pY)YRKGGK
<b>Peptide N-Terminus:</b>	Free amino
<b>Peptide C-Terminus:</b>	Amide
<b>Peptide Modifications Other:</b>	Phosphorylated

### Production

<b>Peptide Production Method:</b>	Solid-phase peptide synthesis
<b>Calculated Peptide Mass:</b>	1987.7
<b>% Peptide Purity:</b>	> 90
<b>Peptide Appearance:</b>	White powder
<b>Peptide Form:</b>	Solid
<b>Peptide Solubility:</b>	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
<b>Amount:</b>	1 mg
<b>Storage Conditions:</b>	Frozen at -20 °C
<b>Storage Stability:</b>	Over 1 year at -20 °C

### Applications

<b>Product Use:</b>	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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