

# PE-04AVH01-S

## INSR (1186-1193) pT1187+pY1189+pY1190 Peptide Solution

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



Address: 8755 Ash Street, Suite 1  
Vancouver, British Columbia,  
Canada V6P 6T3

Email: [info@kinexus.ca](mailto:info@kinexus.ca)  
Phone: 604-323-2547

### 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 (1186-1193) pT1187+pY1189+pY1190
<b>Peptide Origin:</b>	In protein kinase catalytic domain activation T-loop between subdomains VII and VIII.
<b>Peptide Sequence Location:</b>	E1186-G1193
<b>Peptide Sequence:</b>	E(pT)D(pY)(pY)RKG
<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>% Peptide Purity:</b>	Spot
<b>Peptide Appearance:</b>	Clear liquid
<b>Peptide Form:</b>	Solution
<b>Peptide Solubility:</b>	Supplied at 1 mg/ml concentration in 5% DMSO in water
<b>Lot Number:</b>	KMP04CAH-78
<b>Amount:</b>	250 µg
<b>Storage Conditions:</b>	Frozen at -20 °C
<b>Storage Stability:</b>	Over 6 months at -20 °C and 1 mg/ml concentration

### Applications

<b>Product Use:</b>	This phosphopeptide may be useful as a substrate for screening the phosphatase activity of protein phosphatases.
---------------------	--

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](http://www.kinexusproducts.ca) or contact us at 1-866-KINASES (546-2737)