

# PE-01BHP95-P

## InsRSubtide Peptide Powder

14-mer kinase substrate peptide for assaying 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>UniProt ID:</b>	P06213

### Peptide Structure

<b>Peptide Name:</b>	InsRSubtide
<b>Peptide Origin:</b>	Developed by Kinexus based on alignment of known substrates and Kinexus Kinase Substrate Predictor v2.0 algorithm.
<b>Peptide Sequence Location:</b>	Not applicable
<b>Peptide Sequence:</b>	KKGDEDDDYVNVGC
<b>Peptide N-Terminus:</b>	Free amino
<b>Peptide C-Terminus:</b>	Amide
<b>Peptide Modifications Other:</b>	None

### Production

<b>Peptide Production Method:</b>	Solid-phase peptide synthesis
<b>Calculated Peptide Mass:</b>	1627.6
<b>Observed Peptide Mass:</b>	1626.6
<b>% Peptide Purity:</b>	93.1
<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>Lot Number:</b>	KMP01CAR-17
<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>	For assaying the phosphotransferase activity of Insulin receptor (UniProt ID P06213).
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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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