

# PE-01ADA95-P

## IRS1 (891-902) KinSub Peptide Powder

14-mer kinase substrate peptide for assaying IRS1



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### Target Protein

<b>Name Long:</b>	Insulin receptor substrate 1
<b>Name Alias:</b>	HIRS-1; Insulin receptor substrate-1; IRS-1
<b>Species Origin:</b>	Mouse
<b>UniProt ID:</b>	P35568

### Peptide Structure

<b>Peptide Name:</b>	IRS1 (891-902) KinSub
<b>Peptide Origin:</b>	Based on IRS1 phosphosite
<b>Peptide Sequence Location:</b>	K891-G902
<b>Peptide Sequence:</b>	KKKSPGEYVNIEFG
<b>Peptide N-Terminus:</b>	Free amino
<b>Peptide C-Terminus:</b>	Acid
<b>Peptide Modifications Other:</b>	None

### Production

<b>Peptide Production Method:</b>	Solid-phase peptide synthesis
<b>Calculated Peptide Mass:</b>	1595.8
<b>% Peptide Purity:</b>	> 95
<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>	I15-58
<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 activities of IGF1R (UniProt ID P08069) and FLT1 (UniProt ID P17948).
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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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