

PE-01ADC95-P

IRS1 (979-989) KinSub Peptide Powder

13-mer kinase substrate peptide for assaying IRS1



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Target Protein

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

Peptide Structure

Peptide Name:	IRS1 (979-989) KinSub
Peptide Origin:	Based on phosphosite in Insulin receptor substrate 1
Peptide Sequence Location:	K979-G989
Peptide Sequence:	KKSRGDYMTMQIG
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Acid
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1514.8
% Peptide Purity:	> 95
Peptide Appearance:	White powder
Peptide Form:	Solid
Peptide Solubility:	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
Lot Number:	A16-58
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	For assaying the phosphotransferase activities of AXL oncogene-encoded protein-tyrosine kinase UFO(Axl, UniProt ID P30530), Insulin receptor (InsR, UniProt ID), Insulin receptor-related protein (IRR, UniProt ID P14616), Serine-threonine-protein kinase 4 (MST1, UniProt ID Q13043), and Macrophage-stimulating protein receptor (Ron, UniProt ID Q04912).
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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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