

PE-01BIH75-P

MskSubtide Peptide Powder

13-mer kinase substrate peptide for assaying MSK1 (RPS6KA5)



KINEXUS

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Target Protein

Name Long:	Mitogen & stress-activated protein-serine kinase 1; Ribosomal protein S6 kinase alpha 5
Name Alias:	90 kDa ribosomal protein S6 kinase, , polypeptide 5; 90 kDa ribosomal protein S6 kinase, KS6A5; Kinase MSK1; KS6A5; MGC1911; MSPK1; Nuclear mitogen- and stress-activated protein kinase-1; Polypeptide V; Ribosomal protein S6 kinase; RLPK; RPS6KA5; MGC1911; MSPK1; RLPK; CCDS9893.1; ENSG00000100784
UniProt ID:	O75582

Peptide Structure

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

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1740.2
Observed Peptide Mass:	1739.5
% Peptide Purity:	75.3
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:	KMP01CAS-02
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	For assaying the phosphotransferase activity of Mitogen & stress-activated protein-serine kinase 1; Ribosomal protein S6 kinase alpha 5 (UniProt ID O75582).
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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 or contact us at 1-866-KINASES (546-2737)