

# PE-01BJB75-P

## Raf1Subtide Peptide Powder

14-mer kinase substrate peptide for assaying Raf1 (RafC)



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Raf1 proto-oncogene-encoded protein-serine kinase
<b>Name Alias:</b>	cRAF; c-RAF; c-Raf; Kinase Raf1; Murine leukemia viral (V-raf-1) oncogene homologue 1; NS5; Protein kinase raf 1; Raf proto-oncogene serine/threonine-protein kinase; RAF1; V-raf-1 murine leukemia viral oncogene 1; CCDS2612.1; ENSG00000132155; B4E1N6; Q59HC8
<b>UniProt ID:</b>	P04049

### Peptide Structure

<b>Peptide Name:</b>	Raf1Subtide
<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>	KRNRRRSEPNGHGC
<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>	1736.9
<b>Observed Peptide Mass:</b>	1736.9
<b>% Peptide Purity:</b>	74.6
<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>	KMP01CAS-22
<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 Raf1 proto-oncogene-encoded protein-serine kinase (UniProt ID P04049).
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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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