

# PE-04ARC85-P

## Jun (59-67) pS63 Peptide Powder

10-mer immunogen and phosphatase substrate phosphopeptide based on Jun



**KINEXUS**

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### Target Protein

<b>Name Long:</b>	Jun transcription factor (AP1)
<b>Name Alias:</b>	Activator protein 1; AH119; AP1; AP-1; c-Jun; Jun A; Jun oncogene; P39; Proto-oncogene c-jun; RJG-9; V-jun avian sarcoma virus 17 oncogene homolog
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	P05412

### Peptide Structure

<b>Peptide Name:</b>	Jun (59-67) pS63
<b>Peptide Origin:</b>	In the N-terminus of the transcription factor. These are the major in vivo sites of phosphorylation of c-Jun.
<b>Peptide Sequence Location:</b>	D59-G67
<b>Peptide Sequence:</b>	DLLT(pS)PDVGC
<b>Peptide N-Terminus:</b>	Free amino
<b>Peptide C-Terminus:</b>	Amide
<b>Peptide Modifications Other:</b>	Phosphorylated

### Production

<b>Peptide Production Method:</b>	Solid-phase peptide synthesis
<b>Calculated Peptide Mass:</b>	1098.1
<b>Observed Peptide Mass:</b>	1097.9
<b>% Peptide Purity:</b>	86.4
<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>	KMP04CAY-12
<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>	Serves as a blocking peptide for use with the Jun-pS63 rabbit polyclonal antibody (Cat. No.: PN557) that is also available from Kinexus. This phosphopeptide may also be useful as a substrate for screening the phosphatase activity of protein phosphatases.
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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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