

# PE-01AUN95-P

## JAK1 (1131-1146) Peptide Powder

16-mer immunogen peptide based on JAK1



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Janus protein-tyrosine kinase 1
<b>Name Alias:</b>	JAK1A; Janus kinase 1; JAK1B; CE2.7.10.2; JAK-1; JTK3; JAK1_ENST00000342505; CCDS41346; Q0VGA4; Q4LDX3; Q6P669; Q8IV82; ENSG00000162434
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	P23458

### Peptide Structure

<b>Peptide Name:</b>	JAK1 (1131-1146)
<b>Peptide Origin:</b>	Kinase last alpha-chain
<b>Peptide Sequence Location:</b>	C1131-I1146
<b>Peptide Sequence:</b>	CWFEFQPSNRTSFQNLI
<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>	1969.2
<b>Observed Peptide Mass:</b>	1970.8
<b>% Peptide Purity:</b>	94
<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>	KMP01CAK-95
<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 JAK1-2 rabbit polyclonal antibody (Cat. No.: NK084-4) that is also available from Kinexus.
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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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