

# PE-01AUQ90-P

## JAK3 (1084-1098) Peptide Powder

16-mer immunogen peptide based on JAK3



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Janus protein-tyrosine kinase 3
<b>Name Alias:</b>	JAK-3; JAK3_HUMAN; JAKL; Janus kinase 3; Kinase Jak3; Leukocyte janus kinase; LJAK; L-JAK; CCDS12366.1; ENSG00000105639
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	P52333

### Peptide Structure

<b>Peptide Name:</b>	JAK3 (1084-1098)
<b>Peptide Origin:</b>	Kinase last alpha-chain
<b>Peptide Sequence Location:</b>	D1084-L1098
<b>Peptide Sequence:</b>	CDRPSFSALGPQLDML
<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>	1749.0
<b>Observed Peptide Mass:</b>	1751.2
<b>% Peptide Purity:</b>	90
<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-98
<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 JAK3-2 rabbit polyclonal antibody (Cat. No.: NK086-3) 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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