

# PE-01ARY95-P

## JAK2 (1106-1120) Peptide Powder

16-mer immunogen peptide based on JAK2



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Janus protein-tyrosine kinase 2
<b>Name Alias:</b>	JAK-2; Janus kinase 2; JTK10; Kinase Jak2 ; JAK2_ENST00000381652; JAK2_ENST00000381652; CCDS6457; A8K910; A9QVL8; B4DYV1; Q506Q0; Q52R86; Q8IXP2; ENSG00000096968
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	O60674

### Peptide Structure

<b>Peptide Name:</b>	JAK2 (1106-1120)
<b>Peptide Origin:</b>	Kinase last alpha-chain
<b>Peptide Sequence Location:</b>	W1106-A1120
<b>Peptide Sequence:</b>	CWNNNVNQRPSFRDLA
<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>	1933.1
<b>Observed Peptide Mass:</b>	1934.7
<b>% Peptide Purity:</b>	96
<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-25
<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 JAK2-2 rabbit polyclonal antibody (Cat. No.: NK085-2) 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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