

# PE-01AVL80-P

## TYK2 (1151-1166) Peptide Powder

16-mer immunogen peptide based on TYK2



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Protein-tyrosine kinase 2 (Jak-related)
<b>Name Alias:</b>	JTK1; Kinase Tyk2; Tyrosine kinase 2; CCDS12236.1; ENSG00000105397
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	P29597

### Peptide Structure

<b>Peptide Name:</b>	TYK2 (1151-1166)
<b>Peptide Origin:</b>	Kinase last alpha-chain
<b>Peptide Sequence Location:</b>	C1151-I1166
<b>Peptide Sequence:</b>	CWETEASFRPTFENLI
<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>	1942.2
<b>Observed Peptide Mass:</b>	1940.9
<b>% Peptide Purity:</b>	83
<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-120
<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 TYK2-3 rabbit polyclonal antibody (Cat. No.: NK181-5) 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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