

# PE-01AQJ80-P

## MAPKAPK2 (339-353) Peptide Powder

17-mer immunogen peptide based on MAPKAPK2



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Mitogen-activated protein kinase-activated protein kinase 2
<b>Name Alias:</b>	MAP kinase-activated protein kinase 2; MAPK2; MAPKAP kinase 2; MK2; RPS6KC1; ENSG00000162889
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	P49137

### Peptide Structure

<b>Peptide Name:</b>	MAPKAPK2 (339-353)
<b>Peptide Origin:</b>	Pre-C-terminus
<b>Peptide Sequence Location:</b>	S339-K353
<b>Peptide Sequence:</b>	SRVLKEDKERWEDVKGC
<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>	2077.29
<b>Observed Peptide Mass:</b>	2076.6
<b>% Peptide Purity:</b>	83.3
<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>	MAPKAPK2-PCT
<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 MAPKAPK2-2 rabbit polyclonal antibody (Cat. No.: NK097-2) 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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