

# PE-01AWA99-P

## MEK5 (435-448) Peptide Powder

14-mer immunogen peptide based on MEK5 (MAP2K5, MKK5)



# KINEXUS

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### Target Protein

<b>Name Long:</b>	MAPK/ERK protein-serine kinase 5 (MKK5); Dual specificity mitogen-activated protein kinase kinase 5
<b>Name Alias:</b>	CXA1; HsT17454; MAP kinase kinase 5; MAP2K5; MAPK,ERK kinase 5; MAPK/ERK kinase 5; MAPKK5; MKK5; PRKMK5; HsT17454; ENSG00000137764
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	Q13163

### Peptide Structure

<b>Peptide Name:</b>	MEK5 (435-448)
<b>Peptide Origin:</b>	C-terminus
<b>Peptide Sequence Location:</b>	C435-P448
<b>Peptide Sequence:</b>	CRAL EERRSQQGPP
<b>Peptide N-Terminus:</b>	Free amino
<b>Peptide C-Terminus:</b>	Acid
<b>Peptide Modifications Other:</b>	None

### Production

<b>Peptide Production Method:</b>	Solid-phase peptide synthesis
<b>Calculated Peptide Mass:</b>	1625.8
<b>Observed Peptide Mass:</b>	1625.4
<b>% Peptide Purity:</b>	100
<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-135
<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 MEK5-3 rabbit polyclonal antibody (Cat. No.: NK104-5) 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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