

# PE-01AXG95-P

## ERK2 (320-334) Peptide Powder

16-mer immunogen peptide based on ERK2 (MAPK1)



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Extracellular regulated protein-serine kinase 2 (p42 MAP kinase)
<b>Name Alias:</b>	ERK; ERK-2; ERT1; Extracellular signal regulated kinase 2; Kinase ERK2; MAP kinase 2; MAP kinase isoform p42; MAPK; MAPK 2; PRKM2; p41mapk; CCDS13795.1; ENSG00000100030
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	P28482

### Peptide Structure

<b>Peptide Name:</b>	ERK2 (320-334)
<b>Peptide Origin:</b>	Post-kinase last alpha-chain
<b>Peptide Sequence Location:</b>	S320-E334
<b>Peptide Sequence:</b>	CSDEPIAEAPFKFDME
<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>	1828.0
<b>Observed Peptide Mass:</b>	1829.7
<b>% Peptide Purity:</b>	97
<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-168
<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 ERK2-3 rabbit polyclonal antibody (Cat. No.: NK056-4) 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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