

# PE-01AXD99-P

## ERK1 (337-351) Peptide Powder

16-mer immunogen peptide based on ERK1 (MAPK3)



# KINEXUS

Address: 8755 Ash Street, Suite 1  
Vancouver, British Columbia,  
Canada V6P 6T3

Email: [info@kinexus.ca](mailto:info@kinexus.ca)  
Phone: 604-323-2547

### Target Protein

<b>Name Long:</b>	Extracellular regulated protein-serine kinase 1 (p44 MAP kinase)
<b>Name Alias:</b>	ERK-1; ERT2; Insulin-stimulated MAP2 kinase; Kinase ERK1; MAP kinase 1; MAPK 1; MAPK1; MAPK3; PRKM3; p44ERK1; p44MAPK; MGC20180; ENSG00000102882
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	P27361

### Peptide Structure

<b>Peptide Name:</b>	ERK1 (337-351)
<b>Peptide Origin:</b>	Post-kinase last alpha-chain
<b>Peptide Sequence Location:</b>	T337-E351
<b>Peptide Sequence:</b>	CTDEPVAEEPFTFAME
<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>	1815.0
<b>Observed Peptide Mass:</b>	1816.9
<b>% Peptide Purity:</b>	99
<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-165
<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 ERK1-3 rabbit polyclonal antibody (Cat. No.: NK055-3) that is also available from Kinexus.
---------------------	------------------------------------------------------------------------------------------------------------------------------------------

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit [www.kinexusproducts.ca](http://www.kinexusproducts.ca) or contact us at 1-866-KINASES (546-2737)