

PE-01AXE99-P

ERK2 (263-277) Peptide Powder

16-mer immunogen peptide based on ERK2 (MAPK1)



KINEXUS

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Target Protein

Name Long:	Extracellular regulated protein-serine kinase 2 (p42 MAP kinase)
Name Alias:	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
Species Origin:	Human
UniProt ID:	P28482

Peptide Structure

Peptide Name:	ERK2 (263-277)
Peptide Origin:	Pre-kinase last alpha-chain
Peptide Sequence Location:	Y263-R277
Peptide Sequence:	CYLLSLPHKNKVPWNR
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1967.3
Observed Peptide Mass:	1966.9
% Peptide Purity:	100
Peptide Appearance:	White powder
Peptide Form:	Solid
Peptide Solubility:	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
Lot Number:	KMP01CAK-166
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	Serves as a blocking peptide for use with the ERK2-1 rabbit polyclonal antibody (Cat. No.: NK056-2) 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.

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