

PE-01AXC95-P

ERK1 (286-300) Peptide Powder

16-mer immunogen peptide based on ERK1 (MAPK3)



KINEXUS

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Target Protein

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

Peptide Structure

Peptide Name:	ERK1 (286-300)
Peptide Origin:	Pre-kinase last alpha-chain
Peptide Sequence Location:	S286-D300
Peptide Sequence:	CSKTKVAWAKLFPKSD
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1808.1
Observed Peptide Mass:	1808.8
% Peptide Purity:	94
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-164
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 ERK1-2 rabbit polyclonal antibody (Cat. No.: NK055-2) 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)