

PE-01AXI95-P

ERK5 (373-387) Peptide Powder

16-mer immunogen peptide based on ERK5 (MAPK7)



KINEXUS

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Target Protein

Name Long:	Extracellular regulated protein-serine kinase 5 (Big MAP kinase 1 (BMK1))
Name Alias:	BMK; BMK1; BMK1 kinase; ERK4; ERK-5; Extracellular-signal-regulated kinase 5; Kinase ERK5; MAPK7; PRKM7; ENSG00000166484
Species Origin:	Human
UniProt ID:	Q13164

Peptide Structure

Peptide Name:	ERK5 (373-387)
Peptide Origin:	Post-kinase last alpha-chain
Peptide Sequence Location:	T373-D387
Peptide Sequence:	CTRERIKEAIVAEIED
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1874.1
Observed Peptide Mass:	1874.7
% Peptide Purity:	97
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-170
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 ERK5-2 rabbit polyclonal antibody (Cat. No.: NK206-4) 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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