

PE-04ATX01-S

ERK7 (172-179) pT175+pY177 Peptide Solution

8-mer immunogen and phosphatase substrate phosphopeptide based on ERK7 (MAPK15)



KINEXUS

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Target Protein

Name Long:	Mitogen-activated protein kinase 15
Name Alias:	ERK7; ERK8; Extracellular signal regulated kinase 8; Extracellular signal-regulated kinase 8; Mitogen-activated protein kinase 15; MK15
Species Origin:	Human
UniProt ID:	Q8TD08

Peptide Structure

Peptide Name:	ERK7 (172-179) pT175+pY177
Peptide Origin:	In protein kinase catalytic domain activation T-loop between subdomains VII and VIII.
Peptide Sequence Location:	Q172-A179
Peptide Sequence:	QAV(pT)E(pY)VA
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated

Production

Peptide Production Method:	Solid-phase peptide synthesis
% Peptide Purity:	Spot
Peptide Appearance:	Clear liquid
Peptide Form:	Solution
Peptide Solubility:	Supplied at 1 mg/ml concentration in 5% DMSO in water
Lot Number:	KMP04CAH-53
Amount:	250 µg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 6 months at -20°C and 1 mg/ml concentration

Applications

Product Use:	This phosphopeptide may be useful as a substrate for screening the phosphatase activity of protein phosphatases.
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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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