

PE-04ASX95-P

DAPK3 (176-184) pT180 Peptide Powder

9-mer immunogen and phosphatase substrate phosphopeptide based on DAPK3 (ZIPK)



KINEXUS

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Target Protein

Name Long:	Death-associated protein kinase 3
Name Alias:	DAP kinase 3; DAP-like kinase; Dlk; EC 2.7.11.1; ZIPK; ZIP-kinase
Species Origin:	Human
UniProt ID:	O43293

Peptide Structure

Peptide Name:	DAPK3 (176-184) pT180
Peptide Origin:	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
Peptide Sequence Location:	N176-V184
Peptide Sequence:	NIFG(pT)PEFV
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1276.3
Observed Peptide Mass:	1276.1
% 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:	KLP04CAB-04
Amount:	1 mg
Storage Conditions:	Frozen at -20 °C
Storage Stability:	Over 1 year at -20 °C

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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