

PE-04ATH99-P

EPHA3 (775-785) pY779+pT780+pT781 Peptide Powder

11-mer immunogen and phosphatase substrate phosphopeptide based on EphA3



KINEXUS

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Target Protein

Name Long:	Ephrin type-A receptor 3 protein-tyrosine kinase
Name Alias:	EPA3; EPH receptor A3; Ephrin type-A receptor 3; ETK; ETK1; HEK; HEK4; Kinase EphA3; Tyrosine-protein kinase receptor REK4; TYRO4; CCDS2922.1; ENSG00000044524
Species Origin:	Human
UniProt ID:	P29320

Peptide Structure

Peptide Name:	EPHA3 (775-785) pY779+pT780+pT781
Peptide Origin:	In protein kinase catalytic domain activation T-loop between subdomains VII and VIII.
Peptide Sequence Location:	P775-K785
Peptide Sequence:	PEAA(pY)(pT)(pT)RGGK
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1563.6
Observed Peptide Mass:	1561.4
% Peptide Purity:	> 98
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-10
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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