

PE-01ADH95-P

PAktide KinSub Peptide Powder

10-mer kinase substrate peptide for assaying PAK1 (PAKa)



KINEXUS

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

Target Protein

Name Long:	p21-activated kinase 1 alpha; Protein-serine/threonine kinase PAK 1
Name Alias:	ADRB2; Alpha-PAK; CDC42,RAC effector kinase PAK-A; CDC42/RAC effector kinase PAK-A; Kinase PAK1; MUK2; P21 protein (Cdc42/Rac)-activated kinase 1; P65-PAK; STE20, yeast; P68-PAK; PAK 1; PAK-1; PAKA; Protein kinase MUK2; PAKalpha; MGC130000; MGC130001; CCDS8250.1; Q13153; ENSG00000149269
UniProt ID:	Q13153

Peptide Structure

Peptide Name:	PAktide KinSub
Peptide Origin:	Developed by Kinexus based on alignment of known substrates and Kinexus Kinase Substrate Predictor v2.0 algorithm.
Peptide Sequence Location:	Not applicable
Peptide Sequence:	RRRLSFAEPG
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Acid
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1187.5
% Peptide Purity:	> 95
Peptide Appearance:	White powder
Peptide Form:	Solid
Peptide Solubility:	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	For assaying the phosphotransferase activities of p21-activated kinases PAK1 (UniProt ID Q13153), PAK2 (UniProt ID Q13177), PAK4 (UniProt ID O96013); and PAK6 (UniProt ID Q9NQU5).
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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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