

PE-01BGG99-P

Alk1Subtide Peptide Powder

10-mer kinase substrate peptide for assaying ALK1



KINEXUS

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Target Protein

Name Long:	Serine/threonine-protein kinase receptor R3
Name Alias:	Activin A receptor type II-like 1; Activin receptor-like kinase 1; ACVL1; ACVRL1; ACVRLK1; ALK-1; HHT; HHT2; Kinase ALK1; ORW2; SKR3; TGF-B superfamily receptor type I; TSR-I
UniProt ID:	P37023

Peptide Structure

Peptide Name:	Alk1Subtide
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:	RGRRKSFRGC
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1293.7
Observed Peptide Mass:	1292.5
% Peptide Purity:	100
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:	KMP01CAQ-04
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	For assaying the phosphotransferase activity of Serine/threonine-protein kinase receptor R3 (UniProt ID P37023).
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This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-866-KINASES (546-2737)