

PE-01BFF99L-P

AKT1 (14-20) Peptide Powder

9-mer immunogen peptide based on Akt1 (PKBa)



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:	RAC-alpha serine/threonine-protein kinase
Name Alias:	AKT; Akt1; AKT1 kinase; C-AKT; Kinase Akt1; PKB; PKB-alpha; PRKBA; V-akt murine thymoma viral oncogene 1; Protein kinase B; RAC; RAC-alpha serine,threonine kinase; RAC-alpha serine/threonine kinase; RAC-PK-alpha; PKBA; hCG_96740; AKT1_NEW; AKT; MGC99656; CCDS9994; B0LPE5; B2RAM5; B3KVH4; B3KXD7; B7Z5R1; Q9BV07; ENSG00000142208
Species Origin:	Human
UniProt ID:	P31749

Peptide Structure

Peptide Name:	AKT1 (14-20)
Peptide Origin:	In the N-terminus of the kinase.
Peptide Sequence Location:	K14-K20
Peptide Sequence:	KRGEYIK(bA)C
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None; Includes beta-alanine-cysteine at C-terminus for coupling to KLH or thio-agarose

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1065.8
Observed Peptide Mass:	1067.24
% Peptide Purity:	97.6
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:	KMP01CAL-16
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

This product is for in vitro research use only and is not intended for use in humans or animals.

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