

PE-01AQP75-P

p70S6K (128-153) Peptide Powder

29-mer immunogen peptide based on p70S6K (S6Ka, RPS6KB1)



KINEXUS

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Target Protein

Name Long:	Ribosomal protein S6 kinase beta-1; Ribosomal protein S6 kinase 1
Name Alias:	RPS6KB1; KS6B1; Ps6K; p70(S6K)-alpha; Ribosomal protein S6 kinase I; RPS6KB1; S6K; S6K1; STK14A
Species Origin:	Human
UniProt ID:	P23443

Peptide Structure

Peptide Name:	p70S6K (128-153)
Peptide Origin:	Kinase catalytic subdomain 3
Peptide Sequence Location:	A128-P153
Peptide Sequence:	AMIVRNAKDTAHTKAERNILEEVKHP-GGC
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	3188.57
Observed Peptide Mass:	3181.9
% Peptide Purity:	77.6
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:	S6K-III
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	Serves as a blocking peptide for use with the S6K-III rabbit polyclonal antibody (Cat. No.: NK223-4) that is also available from Kinexus.
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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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