

PE-04AVZ01-S

LOK (188-194) pS191 Peptide Solution

7-mer immunogen and phosphatase substrate phosphopeptide based on LOK



KINEXUS

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Target Protein

Name Long:	Lymphocyte-oriented protein-serine kinase; Serine-threonine-protein kinase 10
Name Alias:	GEK2; STK10; Lymphocyte-oriented kinase; PRO2729
Species Origin:	Human
UniProt ID:	O94804

Peptide Structure

Peptide Name:	LOK (188-194) pS191
Peptide Origin:	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
Peptide Sequence Location:	K188-G194
Peptide Sequence:	KRD(pS)FIG
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated

Production

Peptide Production Method:	Solid-phase peptide synthesis
% Peptide Purity:	Spot
Peptide Appearance:	Clear liquid
Peptide Form:	Solution
Peptide Solubility:	Supplied at 1 mg/ml concentration in 5% DMSO in water
Lot Number:	KMP04CAH-91
Amount:	250 µg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 6 months at -20°C and 1 mg/ml concentration

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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