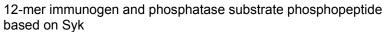
PE-04AXF95-P

SYK (522-533) pY525+pY526+pT530 Peptide Powder



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Target Protein

Name Long:	Spleen protein-tyrosine kinase
Name Alias:	DKFZp313N1010; FLJ25043; FLJ37489; Kinase Syk; KSYK; Spleen tyrosine kinase; SYK; CCDS6688.1; ENSG00000165025
Species Origin:	Human
UniProt ID:	P43405

Peptide Structure

Peptide Name:	SYK (522-533) pY525+pY526+pT530
Peptide Origin:	In protein kinase catalytic domain activation T-loop between subdomains VII and VIII.
Peptide Sequence Location:	D522-K533
Peptide Sequence:	DEN(pY)(pY)KAQ(pT)HGK
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1908.7
Observed Peptide Mass:	1907.7
% 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
Lot Number:	KLP04CAF-23
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	This phosphopeptide may be useful as a substrate for screening the
	phosphatase activity of protein phosphatases.

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 <u>www.kinexusproducts.ca</u> or contact us at 1-866-KINASES (546-2737)