PE-04AXF95-P

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

12-mer immunogen and phosphatase substrate phosphopeptide based on Syk

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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.