

PE-04AXH80-P

TYK2 (1051-1066) pY1054+pY1055+pS1063

Peptide Powder

16-mer immunogen and phosphatase substrate phosphopeptide based on TYK2



KINEXUS

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Target Protein

Name Long:	Protein-tyrosine kinase 2 (Jak-related)
Name Alias:	JTK1; Kinase Tyk2; Tyrosine kinase 2; CCDS12236.1; ENSG00000105397
Species Origin:	Human
UniProt ID:	P29597

Peptide Structure

Peptide Name:	TYK2 (1051-1066) pY1054+pY1055+pS1063
Peptide Origin:	In protein kinase catalytic domain activation T-loop between subdomains VII and VIII.
Peptide Sequence Location:	G1051-F1066
Peptide Sequence:	GHE(pY)(pY)RVREDGD(pS)PVF
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	2381.2
Observed Peptide Mass:	2321.3
% Peptide Purity:	83
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:	KLP04CAG-06
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.
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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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