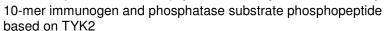
PE-04AHX99-P

TYK2 (1051-1058) pY1054+pY1055 Peptide Powder





Address: 8755 Ash Street, Suite 1 Vancouver, British Columbia,

Canada V6P 6T3

Email: info@kinexus.ca Phone: 604-323-2547

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 (1051-1058) pY1054+pY1055
Peptide Origin:	In protein kinase catalytic domain activation T-loop between subdomains VII and VIII.
Peptide Sequence Location:	G1051-R1058
Peptide Sequence:	GHE(pY)(pY)RVR(bA)C
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated; Includes beta-alanine-cysteine at C-terminus for coupling to KLH or thio-agarose

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1412.4
Observed Peptide Mass:	1413.7
% Peptide Purity:	99.5
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:	KMP04CAW-14
Amount:	1 mg
Storage Conditions:	Frozen at -20 ℃
Storage Stability:	Over 1 year at -20 ℃

Applications

	Services as a blocking peptide for use with the TYK2-pY1054+pY1055 rabbit
Product Use:	polyclonal antibody (Cat. No.: PK845) that is also available from Kinexus. This phosphopeptide may also 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 www.kinexusproducts.ca or contact us at 1-866-KINASES (546-2737)