

PE-04AVM01-S

JAK1 (1031-1038) pY1034 + pY1035 Peptide Solution

8-mer immunogen and phosphatase substrate phosphopeptide based on JAK1



KINEXUS

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

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

Target Protein

Name Long:	Janus protein-tyrosine kinase 1
Name Alias:	JAK1A; Janus kinase 1; JAK1B; CE2.7.10.2; JAK-1; JTK3; JAK1_ENST00000342505; CCDS41346; Q0VGA4; Q4LDX3; Q6P669; Q8IV82; ENSG00000162434
Species Origin:	Human
UniProt ID:	P23458

Peptide Structure

Peptide Name:	JAK1 (1031-1038) pY1034 + pY1035
Peptide Origin:	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
Peptide Sequence Location:	D1031-K1038
Peptide Sequence:	DKE(pY)(pY)TVK
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-82
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.
---------------------	--

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)