

PE-04AVO01-S

JAK2 (1004-1011) pY1007+pY1008 Peptide Solution

8-mer immunogen and phosphatase substrate phosphopeptide based on JAK2



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 2
Name Alias:	JAK-2; Janus kinase 2; JTK10; Kinase Jak2 ; JAK2_ENST00000381652; JAK2_ENST00000381652; CCDS6457; A8K910; A9QVL8; B4DYV1; Q506Q0; Q52R86; Q8IXP2; ENSG00000096968
Species Origin:	Human
UniProt ID:	O60674

Peptide Structure

Peptide Name:	JAK2 (1004-1011) pY1007+pY1008
Peptide Origin:	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
Peptide Sequence Location:	D1004-K1011
Peptide Sequence:	DKE(pY)(pY)KVK
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-83
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.
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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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