

PE-04AVQ01-S

JAK3 (977-984) pY980+pY981 Peptide Solution

8-mer immunogen and phosphatase substrate phosphopeptide based on JAK3



KINEXUS

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Target Protein

Name Long:	Janus protein-tyrosine kinase 3
Name Alias:	JAK-3; JAK3_HUMAN; JAKL; Janus kinase 3; Kinase Jak3; Leukocyte janus kinase; LJAK; L-JAK; CCDS12366.1; ENSG00000105639
Species Origin:	Human
UniProt ID:	P52333

Peptide Structure

Peptide Name:	JAK3 (977-984) pY980+pY981
Peptide Origin:	In protein kinase catalytic domain activation T-loop between subdomains VII and VIII.
Peptide Sequence Location:	D977-R984
Peptide Sequence:	DKD(pY)(pY)VVR
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-85
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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