

PE-04AMG99-P

FER (399-405) pY402 Peptide Powder

9-mer immunogen and phosphatase substrate phosphopeptide based on Fer (TYK3)



KINEXUS

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Target Protein

Name Long:	Fer (fps/fes related) protein-tyrosine kinase
Name Alias:	AV082135; C-FER; FER; Fer (fps/fes related) tyrosine kinase; FERT2; Kinase Fer; P94-FER; Phosphoprotein NCP94; TYK3; PPP1R74; CCDS4098.1; ENSG00000151422; B4DDX7
Species Origin:	Human
UniProt ID:	P16591

Peptide Structure

Peptide Name:	FER (399-405) pY402
Peptide Origin:	In the region preceding the SH2 domain. One of the two major in vivo phosphorylation sites in Fer.
Peptide Sequence Location:	V399-D405
Peptide Sequence:	VVN(pY)EED(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:	1120.1
Observed Peptide Mass:	1119.3
% Peptide Purity:	98.6
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:	KMP04CAX-19
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	Serves as a blocking peptide for use with the FER-pY402 rabbit polyclonal antibody (Cat. No.: PK630) that is also available from Kinexus. This phosphopeptide may also 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.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-866-KINASES (546-2737)