

PE-04AMH80-P

FGR (205-212) pY208+pY209 Peptide Powder

10-mer immunogen and phosphatase substrate phosphopeptide based on Fgr



KINEXUS

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Target Protein

Name Long:	Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene
Name Alias:	C-FGR; FGR protein; Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene; Kinase Fgr; P55c-fgr; P55-FGR; p58c-fgr; Proto-oncogene tyrosine-protein kinase FGR; SRC2; FLJ43153; MGC75096; Q5TGY6; ENSG00000000938
Species Origin:	Human
UniProt ID:	P09769

Peptide Structure

Peptide Name:	FGR (205-212) pY208+pY209
Peptide Origin:	In the SH2 domain. This is the major in vivo phosphorylation site in Fgr.
Peptide Sequence Location:	M205-T212
Peptide Sequence:	MGG(pY)(pY)ITT(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:	1239.18
Observed Peptide Mass:	1238.0
% Peptide Purity:	78.6
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-20
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 FGR-pY208+pY209 rabbit polyclonal antibody (Cat. No.: PK638) 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.

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