

# PE-04AUM01-S

## FYN (417-424) pY420+pT421 Peptide Solution

8-mer immunogen and phosphatase substrate phosphopeptide based on Fyn



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### Target Protein

<b>Name Long:</b>	Fyn proto-oncogene-encoded protein-tyrosine kinase
<b>Name Alias:</b>	FYN; FYN oncogene related to SRC, FGR, YES; Kinase Fyn; MGC45350; P59-FYN; P59-Fyn; SLK; SYN; hCG_34806; RP1-66H14.1-003; CCDS5094.1; ENSG00000010810
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	P06241

### Peptide Structure

<b>Peptide Name:</b>	FYN (417-424) pY420+pT421
<b>Peptide Origin:</b>	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
<b>Peptide Sequence Location:</b>	D417-Q424
<b>Peptide Sequence:</b>	DNE(pY)(pT)ARQ
<b>Peptide N-Terminus:</b>	Free amino
<b>Peptide C-Terminus:</b>	Amide
<b>Peptide Modifications Other:</b>	Phosphorylated

### Production

<b>Peptide Production Method:</b>	Solid-phase peptide synthesis
<b>% Peptide Purity:</b>	Spot
<b>Peptide Appearance:</b>	Clear liquid
<b>Peptide Form:</b>	Solution
<b>Peptide Solubility:</b>	Supplied at 1 mg/ml concentration in 5% DMSO in water
<b>Lot Number:</b>	KMP04CAH-62
<b>Amount:</b>	250 µg
<b>Storage Conditions:</b>	Frozen at -20°C
<b>Storage Stability:</b>	Over 6 months at -20°C and 1 mg/ml concentration

### Applications

<b>Product Use:</b>	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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