

# PE-04AVV01-S

## KIT (818-826) pS821+pY823 Peptide Solution

9-mer immunogen and phosphatase substrate phosphopeptide based on Kit



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Mast/stem cell growth factor receptor protein-tyrosine Kit
<b>Name Alias:</b>	CD117; C-kit; Kinase Kit; Mast/stem cell growth factor receptor precursor; PBT; SCFR; SL; V-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene; V-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homologue; ENSG00000157404
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	P10721

### Peptide Structure

<b>Peptide Name:</b>	KIT (818-826) pS821+pY823
<b>Peptide Origin:</b>	In protein kinase catalytic domain activation T-loop between subdomains VII and VIII.
<b>Peptide Sequence Location:</b>	K818-K826
<b>Peptide Sequence:</b>	KND(pS)N(pY)VVK
<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-88
<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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