

# PE-04AWV00-P

## PGK1 (193-199) pY196 Peptide Powder

9-mer immunogen and phosphatase substrate phosphopeptide based on PGK1



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Phosphoglycerate kinase 1
<b>Name Alias:</b>	Cell migration-inducing gene 10 protein; MGC117307; MGC142128; MGC8947; MIG10; PGK1; PGKA; Primer recognition protein 2; PRP 2
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	P00558

### Peptide Structure

<b>Peptide Name:</b>	PGK1 (193-199) pY196
<b>Peptide Origin:</b>	In the middle of the PGK domain. This is the major in vivo phosphorylation site in PGK1.
<b>Peptide Sequence Location:</b>	E193-K199
<b>Peptide Sequence:</b>	ELN(pY)FAK(bA)C
<b>Peptide N-Terminus:</b>	Free amino
<b>Peptide C-Terminus:</b>	Amide
<b>Peptide Modifications Other:</b>	Phosphorylated; Includes beta-alanine-cysteine at C-terminus for coupling to KLH or thio-agarose

### Production

<b>Peptide Production Method:</b>	Solid-phase peptide synthesis
<b>Peptide Appearance:</b>	White powder
<b>Peptide Form:</b>	Solid
<b>Peptide Solubility:</b>	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
<b>Lot Number:</b>	KMP04CAR-08
<b>Amount:</b>	1 mg
<b>Storage Conditions:</b>	Frozen at -20°C
<b>Storage Stability:</b>	Over 1 year at -20°C

### 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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