

# PE-04ASJ01-P

## CDK10 (198-206) pT201+pY204 Peptide Powder

9-mer immunogen and phosphatase substrate phosphopeptide based on CDK10 (PISSLRE)



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### Target Protein

<b>Name Long:</b>	Cyclin-dependent protein-serine kinase 10 [PISSLRE]
<b>Name Alias:</b>	PISSLRE; ENSG00000185324
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	Q15131

### Peptide Structure

<b>Peptide Name:</b>	CDK10 (198-206) pT201+pY204
<b>Peptide Origin:</b>	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
<b>Peptide Sequence Location:</b>	K198-A206
<b>Peptide Sequence:</b>	KVV(pT)LW(pY)RA
<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>	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>	KMP04CAH-27
<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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