

# PE-01BCS80-P

## DMPK2 (1-19) Peptide Powder

19-mer immunogen peptide based on DMPK2 (MRCK-g)



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Myotonic dystrophy protein kinase 2; Serine-threonine-protein kinase MRCK gamma
<b>Name Alias:</b>	MRCKG; Myotonic dystrophy protein kinase like protein ; CDC42BPG; HSMDPKIN
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	Q6DT37

### Peptide Structure

<b>Peptide Name:</b>	DMPK2 (1-19)
<b>Peptide Origin:</b>	N-terminus
<b>Peptide Sequence Location:</b>	M1-C19
<b>Peptide Sequence:</b>	MERRLRLEQLARGEAGGC
<b>Peptide N-Terminus:</b>	Free amino
<b>Peptide C-Terminus:</b>	Amide
<b>Peptide Modifications Other:</b>	None

### Production

<b>Peptide Production Method:</b>	Solid-phase peptide synthesis
<b>Calculated Peptide Mass:</b>	2115.4
<b>Observed Peptide Mass:</b>	2114.8
<b>% Peptide Purity:</b>	82.5
<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>	KMP01CAT-20
<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>	Serves as a blocking peptide for use with the DMPK2-NT rabbit polyclonal antibody (Cat. No.: NK265-1) that is also available from Kinexus.
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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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