

# PE-04AAH90-P

## Calmodulin (93-107) pY100 Peptide Powder

15-mer peptide based on CALM1



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### Target Protein

<b>Name Long:</b>	Calmodulin
<b>Name Alias:</b>	CALM1; CALM, CAM, CAM1
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	P62158

### Peptide Structure

<b>Peptide Name:</b>	Calmodulin (93-107) pY100
<b>Peptide Origin:</b>	Loop IV of CaM
<b>Peptide Sequence Location:</b>	F93-R107
<b>Peptide Sequence:</b>	FDKDGNR(pY)ISAAELR
<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>Calculated Peptide Mass:</b>	1833.9
<b>% Peptide Purity:</b>	> 90
<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>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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