PKA RII peptide

Cat. No.:	HY-P0228
CAS No.:	113873-67-9
Molecular Formula:	$C_{92}H_{150}N_{28}O_{29}$
Molecular Weight:	2112.35
Sequence:	Asp-Leu-Asp-Val-Pro-Ile-Pro-Gly-Arg-Phe-Asp-Arg-Arg-Val-Ser-Val-Ala-Ala-Glu
Sequence Shortening:	DLDVPIPGRFDRRVSVAAE
Target:	PKA
Pathway:	Stem Cell/Wnt; TGF-beta/Smad
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	PKA RII peptide is a PKA substrate that, after being phosphorylated at the serine residue, can be used for the detection of calcineurin activity[1].
In Vitro	Calcineurin (PP2B), a serine/threonine phosphatase controlled by cellular calcium, has been implicated in a wide variety of biological responses including lymphocyte activation, neuronal and muscle development, neurite outgrowth, and morphogenesis of vertebrate heart valves[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Guillaume Mabilleau, et al. Glucose-dependent insulinotropic polypeptide (GIP) dose-dependently reduces osteoclast differentiation and resorption. Bone. 2016 Oct:91:102-12.

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