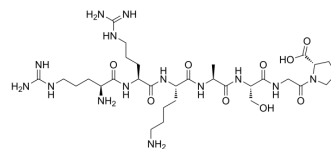


## H1-7 (histone H1 phosphorylation site), PKA Substrate

Cat. No.:	HY-P3745
CAS No.:	65189-70-0
Molecular Formula:	C <sub>31</sub> H <sub>58</sub> N <sub>14</sub> O <sub>9</sub>
Molecular Weight:	770.88
Sequence Shortening:	RRKASGP
Target:	PKA
Pathway:	Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	H1-7 (histone H1 phosphorylation site), PKA Substrate, a synthetic polypeptide, can be used as PKA substrate <sup>[1][2]</sup> .
In Vitro	H1-7 (histone H1 phosphorylation site), PKA Substrate can be used to assay PKA activity <sup>[2]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. Pomerantz AH, et, al. Studies on the mechanism of phosphorylation of synthetic polypeptides by a calf thymus cyclic AMP-dependent protein kinase. Proc Natl Acad Sci U S A. 1977 Oct;74(10):4261-5.
- [2]. Arif A, et, al. EPRS is a critical mTORC1-S6K1 effector that influences adiposity in mice. Nature. 2017 Feb 16;542(7641):357-361.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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