

H3K27(Me3) (15-34)

Cat. No.:	HY-P2254
Molecular Formula:	C ₈₇ H ₁₅₇ N ₃₀ O ₂₅
Molecular Weight:	2023.4
Sequence:	Ala-Pro-Arg-Lys-Gln-Leu-Ala-Thr-Lys-Ala-Ala-Arg-[Lys(Me3)]-Ser-Ala-Pro-Ala-Thr-Gly-Gly
Sequence Shortening:	APRKQLATKAAR-[Lys(Me3)]-SAPATGG
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

H3K27(Me3) (15-34), a histone peptide, is a repressive chromatin mark derived from human histone. Polycomb Repressive Complex 2 (PRC2) is a multiprotein complex that catalyzes the methylation of H3K27(Me)^{[1][2]}.

REFERENCES

[1]. Elizabeth T Wiles, et al. H3K27 Methylation: A Promiscuous Repressive Chromatin Mark. *Curr Opin Genet Dev.* 2017 Apr;43:31-37.

[2]. Brian P Chadwick, et al. Multiple Spatially Distinct Types of Facultative Heterochromatin on the Human Inactive X Chromosome. *Proc Natl Acad Sci U S A.* 2004 Dec 14;101(50):17450-5.

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

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