



## Product Data Sheet

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<b>Product Name:</b>	[Lys(Me3) <sup>79</sup> ]-Histone H3 (73-83), H3K79(Me3)
<b>Catalog Number:</b>	AS-65439-1 (1 mg); AS-65439-5 (5 mg) Lot Number: See label on vial
<b>Sequence:</b>	H-Glu-Ile-Ala-Gln-Asp-Phe-Lys(Me3)-Thr-Asp-Leu-Arg-OH (3-letter code)  EIAQDF-K(Me3)-TDLR (1-letter code)
<b>Molecular Weight:</b>	1378.5
<b>Peptide Purity:</b>	Peak Area by HPLC ≥95%
<b>Storage:</b>	This peptide is shipped at ambient temperature. Upon receipt, store lyophilized peptide at -20°C or lower. Reconstituted peptide can be aliquoted and stored at -20°C or lower.
<b>Description:</b>	This peptide is Histone H3 amino acid residues 73 to 83 tri-methylated at Lysine 79. Histone lysine methylation plays a role in transcriptional regulation. H3K79 can be methylated by Dot1 methyltransferase.
<b>Related Products:</b>	Histone H3 (73-83), H3K79 peptide. Cat# AS-65437
<b>References:</b>	Bheda, P. et al. <i>PNAS</i> <b>109</b> , E916 (2012).

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