



Product Data Sheet

Product Name: [Lys(Me₃)⁴]-Histone H3 (1-21)-GGK(Biotin), H3K4(Me₃), biotin-labeled
Catalog Number: AS-64357-025 (0.25 mg) Lot Number: See label on vial
AS-64357-1 (1 mg)
Sequence: H-Ala-Arg-Thr-Lys(Me₃)-Gln-Thr-Ala-Arg-Lys-Ser-Thr-Gly-Gly-Lys-Ala-
Pro-Arg-Lys-Gln-Leu-Ala-Gly-Gly-Lys(Biotin)-OH (3-letter code)
ART-K(Me₃)-QTARKSTGGKAPRKQLA-GGK(Biotin) (1-letter code)
Molecular Weight: 2765.2

% Peak Area by HPLC: ≥ 95

Appearance: Lyophilized white powder

Peptide Reconstitution: Use distilled or higher quality water. Add water directly to the lyophilized peptide powder to obtain a final concentration of approximately 0.5 mg/mL to 1mg/mL or less. Gently vortex to mix. For peptides that have poor solubility in the suggested solvent, brief sonication may increase solubility in some cases.

Storage: Peptide is shipped at ambient temperature. Upon receipt, store lyophilized powder at –20°C or lower. Reconstituted peptide should be aliquoted into several freezer vials and stored at –20°C or lower. Do not freeze thaw.

Description: This peptide is Histone H3 amino acid residues 1 to 21 tri-methylated at Lys-4 with a C-terminal GG linker followed by a biotinylated lysine. Provided at >95% peptide purity, this peptide was dissolved in distilled water at 1 mg/ml and re-lyophilized to powder form.

Published Citations:

Chruscicki, A. et al. *Genetics* 10.1534/genetics.110.116285 (2010).

Related Products:

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[Histone H3 \(21-44\) GO[®] Peptides](#)
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