

Histone H3 (21-44)-GK-biotin (trifluoroacetate salt) Biochemical

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CATALOG #
AAA227175

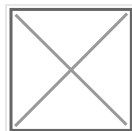
PRODUCT SYNONYMS

Histone H3 (21-44)-GK-biotin (trifluoroacetate salt); Histone H3 (21-44)-GK-biotin (trifluoroacetate salt) biochemical

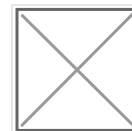
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	H2O: 1 mg/mL <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Thiol-C9-PEG4, CAS 130727-41-2



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ADDITIONAL INFORMATION

Related Product Information for Histone H3 (21-44)-GK-biotin (trifluoroacetate salt) biochemical	Histone H3 (21-44)-GK-biotin is a peptide fragment of histone H3 that corresponds to amino acid residues 22-45 of the human histone H3.1 and 3.2 sequences and is biotinylated via a C-terminal GK linker. Histone H3 (21-44) contains a lysine residue at position 23 that is subject to acetylation, an arginine at position 26 subject to methylation, and a serine at position 28 subject to phosphorylation, as well as lysine residues at positions 27 and 36 that are subject to methylation and acetylation. Histone H3 (21-44)-GK-biotin has been used as a substrate for the primate-specific histone methyltransferase PR domain-containing protein 7 (PRDM7) to determine substrate specificity.
References	1. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

NCBI AND UNIPROT INFORMATION

Molecular Weight	336.53
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/histone-h3-21-44-gk-biotin-trifluoroacetate-salt/227175>