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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

Histone H3 K27C, Full Length

Human, recombinant, N-terminal His-tag

Catalog #: 52080

Lot#: 140207

Conc.: 0.53 mg/ml

Formulated in: PBS (8 mM phosphate, pH 7.4, 110 mM NaCl, 2.2 mM KCl), 20% glycerol.

Stability: >6 months at -80°C . Avoid freeze/thaw cycles. Storing diluted protein is not recommended, if necessary, use carrier protein (BSA 0.1 – 0.5%).

References:

1. Simon, M.D., *et al.* *Cell* 2007; **128**: 1003-1012.
2. Raut, V.V., Pandey, S.M., Sainis, J.K. *Ann Bot.* 2011; **108(7)**:1235-46.

Description:

Human recombinant histone H3 (a.a. 1-136(end)) with K27C, C97A, and C111A mutations, and an N-terminal His-tag, expressed in an *E. coli* expression system. GenBank Accession No. NM_003532. The protein has been alkylated to produce the lysine analog, aminoethylcysteine. MW = 16 kDa.

Application:

A perfect substrate for histone methyltransferases.

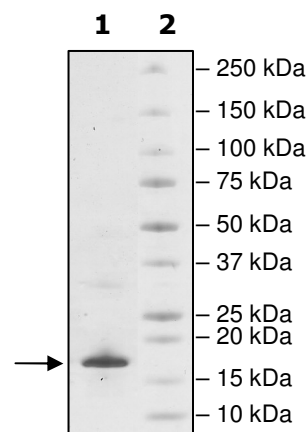
Quality Assurance

**4-20% SDS-PAGE
Coomassie staining**

Lane 1:
2 μg Histone H3K27C,
Unmethylated

Lane 2:
Protein Marker

MW: 16 kDa
Purity: $\geq 90\%$



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