



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Data Sheet

### **Histone H3 (Biotinylated)**

Human, recombinant, N-terminal His-tag

**Catalog #:** 52053

**Lot#:** 130614      **Conc.:** 0.10 mg/ml

**Formulated in:** 8 mM PBS pH 7.4, 110 mM NaCl, 2.2 mM KCl, 20% glycerol and 3 mM DTT.

**Stability:** >6 months at -80°C

#### **References:**

1. Loyola, A. *et al.*, *Mol. Cell* **24** (2), 309-316 (2006).
2. Hans, F. and Dimitrov, S. *Oncogene* **20**(24), 3021-3027 (2001).

#### **Description:**

Biotinylated Human Histone 3, GenBank Accession No. NM\_003532, a.a. 2-136(end) with N-terminal Met-Ala-Cys-6xHis-tag (C97A,C111A). MW = 16.3 kDa, expressed in an *E. coli* expression system.

#### **Application:**

Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

## **Quality Assurance**

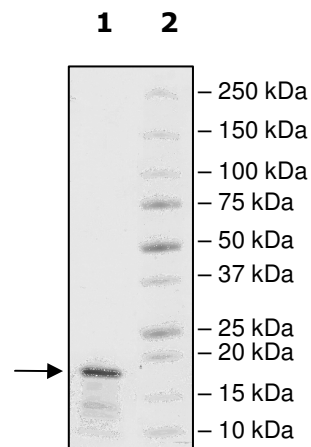
### **4-20% SDS-PAGE Coomassie staining**

**Lane 1:**  
2 µg Histone H3+Cys

**Lane 2:**  
Protein Marker

**MW:** 16.3 kDa

**Purity:** ≥67%



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**Protein Sequence:**

**MACHHHHHH**ARTKQTARKSTGGKAPRKQLATKAARKSAPATGGVKKPHRYRPGTVAL  
REIRRYQKSTELLIRKLPFQRLVREIAQDFKTDLRFQSSAVMALQEAAEAYLVGLFEDTN  
LAAIHAKRVTIMPKDIQLARRIRGERA

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