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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Data Sheet

Histone Octamer, Biotin-labeled

Human, recombinant

Catalog #: 52061

Lot #: 131205-B **Conc.:** 1.8 mg/ml

Formulated in: 45 mM Tris pH 7.5, 2 M NaCl, and 10% glycerol.

Stability: At least 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. Miller, K.M., Jackson, S.P., *Biochem. Soc. Trans.* 2012; **40(2)**: 370-6.
2. Raut, V.V., *et al. Ann. Bot.* 2011; **108(7)**:1235-46.

Description: Human recombinant histone octamer consisting of 2 molecules each of N-terminal His-tagged histones H2A (a.a. 2-130(end)), H2B (a.a. 2-126(end)), H3 (a.a. 2-137(end)), and H4 (a.a. 2-103(end)), expressed in *E. coli*. GenBank Accession Nos. are NM_033445, NM_003528, NM_003532, and NM_003548, respectively. H2B has been biotin-labeled via thiol modification of an additional C-terminal cysteine prior to assembly. Global MW = 117 kDa.

Application: A good substrate for histone methyltransferases.

Quality Assurance

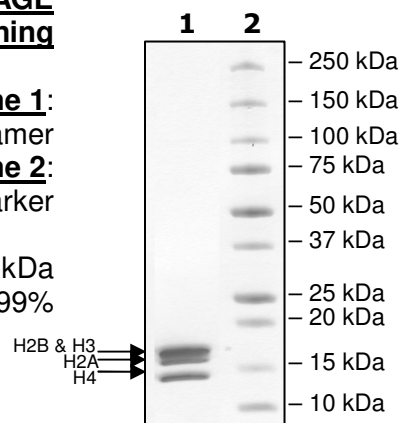
**4-20% SDS-PAGE
Coomassie staining**

Lane 1:
4 μg Octamer

Lane 2:
Protein Marker

Global MW: 117 kDa

Purity: $\geq 99\%$



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