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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

Histone H1, Full Length, His-tag

Human, recombinant, N-terminal His-tag

Catalog #: 52042

Lot#: 150227

Conc.: 1.40 mg/ml

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

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

References:

1. Doenecke, D., et al., *J. Mol. Biol.* 1986 Feb 5;**187(3)**:461-4.
2. Vyas, P., et al., *J. Biol. Chem.* 2012 Apr 6;**287(15)**:11778-87.

Description:

Human Histone H1, also known as H1F0, (GenBank Accession No. NM_005318), a.a. 2-194(end) with N-terminal His-tag, MW = 21.7 kDa, expressed in an *E. coli* expression system.

Application:

Substrate for histone methyltransferase and acetyltransferase assays. Ideal for screening small molecular inhibitors of histone modifying enzymes for drug discovery and HTS applications.

Quality Assurance

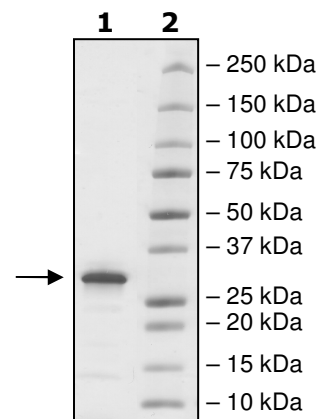
4-20% SDS-PAGE Coomassie staining

Lane 1:
2 μg Histone H1

Lane 2:
Protein Marker

MW: 21.7 kDa

Purity: $\geq 90\%$



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Sequence:

MHHHHHHTENSTSAPAAKPKRAKASKKSTDHPKYSDMIVAAIQAEKNRAGSSRQSIQK
YIKSHYKVGENADSQIKLSIKRLVTTGVLKQTKGVGASGSFRLAKSDEPKKSVAFKKT
KEIKKVATPKKASKPKKAASKAPTCKKPKATPVKKAKKKLAATPKKAKKPKTVKAKPVK
ASKPKKAKPVKPKAKSSAKRAGKKK

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