

## Histone H3

(recombinant protein expressed in *E. coli*)

Catalog # 14-411

Lot # 21663

**Product Description:** Recombinant *Xenopus laevis* Histone H3 produced in *E. coli*, purified using HPLC. Mr ~17kDa.

**Purity:** ≥98% pure as determined by SDS-PAGE.

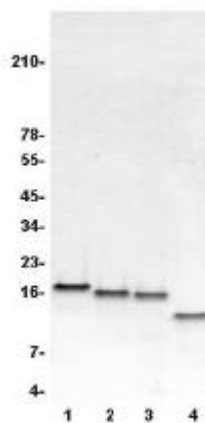
**Formulation:** 100mg of Histone H3 quantitated using the molar absorption coefficient (280nm) of 3900; lyophilized from 100µl of sterile water. Lyophilized powder.

**Storage and Stability:** Stable for 2 years at -20°C from date of shipment.

**FOR IN VITRO RESEARCH USE ONLY  
NOT FOR USE IN HUMANS OR ANIMALS**

## Research Application

**Enzymatic Assay:** This lot of Histone H3 can be used as substrate for *in vitro* enzymatic reactions. Use 1µg per assay point.



**SDS-PAGE and Coomassie Stain:** Representative gel from a previous lot. Purity was assessed by SDS-PAGE and Coomassie blue staining using 1µg of Histone H3 (lane 1), Histone H2B (lane 2), Histone H2A (lane 3) and Histone H4 (lane 4).

## Reference:

Luger, K., *et al.*, *Nature* **389**: 251-260, 1997.