

**Catalog No.: RP03271** **Recombinant**

| Species | Gene ID | Swiss Prot |
|---------|---------|------------|
| Human   | 3005    | P07305     |

## N-His

Histone H1; Histone H1.0; H1-0; H1F0;  
H1FV; CPN60; GROEL; HLD4; HSP60;  
HSP65; HSPD1; HuCHA60; SPG13

|               |                                   |
|---------------|-----------------------------------|
| <b>Source</b> | <b>Purification</b>               |
| E.coli        | ≥ 90 % as determined by SDS-PAGE. |

| Calculated MW | Observed MW |
|---------------|-------------|
| 22.4 kDa      | 25-30 kDa   |

Please contact us for more information.

Lyophilized from a 0.22 µm filtered solution of 50 mM Tris, 600 mM NaCl, 1 mM DTT, pH 8.5. Contact us for customized product form or formulation.

Reconstituted with sterile deionized water to 0.1-0.5 mg/mL.

 | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Histone H1 is the most variable histone and its role at the epigenetic level is less characterized than that of core histones. The lysine-rich H1 histone family in mammals includes eleven members. In higher eukaryotes, all H1 variants have the same general structure, consisting of a central conserved globular domain and less conserved N-terminal and C-terminal tails. These tails are moderately conserved among species, but differ among variants, suggesting a specific function for each H1 variant.

Recombinant Human Histone H1 Protein is produced by E.coli expression system. The target protein is expressed with sequence (Met1-Lys194) of human Histone H1 (Accession #P07305) fused with His tag at the N-terminus.

## Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

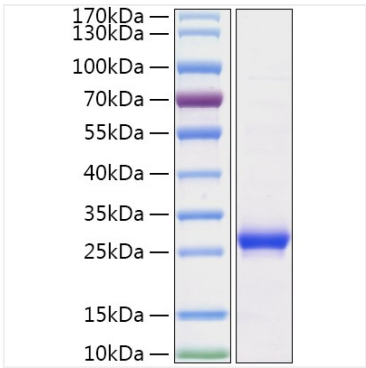
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

For your safety and health, please wear a lab coat and disposable gloves for handling.

Validation Data



Recombinant Human Histone H1 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.