

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

Source	Purification
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.

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Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Histones 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.

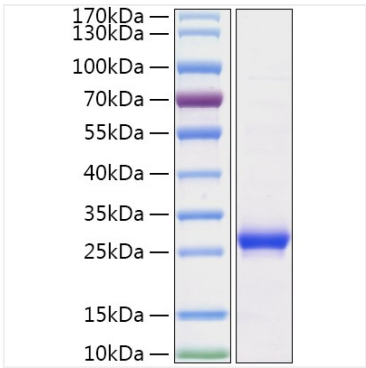
Recombinant Human Histone H1 Protein is produced by E.coli expression system. The target protein is expressed with sequence (Met1-Lys194) of human Histone H1 (Accession #P07305) fused with His tag at the N-terminus.

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.

Validation Data



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