

Core Histones (Human) recombinant protein
Core Histones (Human)
Catalog # PBV11253r**Specification**

Core Histones (Human) recombinant protein - Product info

Concentration 1

Core Histones (Human) recombinant protein - Additional Info**Other Names**

HeLa Core Histones

Gene Source
Source**Human**
Highly purified mixture of human core histones (H2A, H2B, H3, and H4) isolated via hydroxyapatite chromatography from HeLa S3 (human cervical adenocarcinoma) nuclear pellet.
SDS-PAGE; ≥95%
HPLC;
NoAssay&Purity
Assay2&Purity2
Recombinant
Target/Specificity
Core Histones**Format**
Liquid**Storage**

-80°C; 50 mM sodium phosphate, pH 6.9, containing 10 mM sodium chloride and 1 mM β-mercaptoethanol.

Core Histones (Human) recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Core Histones (Human) recombinant protein - Images**Core Histones (Human) recombinant protein - Background**

A nucleosome is the basic repeating unit of chromatin in which 146 base pairs of DNA wrap twice around a histone octamer consisting of two copies of each of the core histones, H2A, H2B, H3, and H4. The combination of two H2A/H2B dimers and one H3/H4 tetramer create the nucleosome core.² Histone H3 undergoes many modifications which include acetylation, methylation, and phosphorylation that are important for regulation of gene transcription.