

Native Calf Histone Protein

Cat. No. Histone-53C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Calf Histone Protein was purified from Calf Thymus, Type II-A.
Species	Calf
Source	Calf Thymus
Description	Histones are octameric proteins containing H3, H4, H2A and H2B. It is the core protein around which DNA is wound forming the nucleosome structure. The core histone proteins contain globular domains. Each protein is composed of basic amino acids at its N-terminal. The H2A has an extra amino acid at its C-terminal end forming a histone tail. The nucleosome structure is stabilized by the linker histones during chromatin condensation.
Form	Lyophilized powder
Applications	cell analysis: suitable
Usage	Histone from calf thymus has been used: in methyltransferase reaction mixture for methyltransferase assay. in in vitro binding assay, to explore the potential binding of the MORF4 (mortality factor on chromosome 4) - related gene on chromosome 15 (MRG15) chromo domain with histone. in in vitro coculture assays, to stimulate liver resident Kupffer cells.
Notes	Unfractionated whole histone

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Storage

2 - 8 °C

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