

Histone H1.5 (HIST1H1B) Recombinant Protein | HIST1H1B recombinant protein

Recombinant Human Histone H1.5 (HIST1H1B)

CATALOG # AAA113117	HOST Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Histone H1.5 (HIST1H1B); Recombinant Human Histone H1.5 (HIST1H1B); HIST1H1B recombinant protein

PRODUCT SPECIFICATIONS

Host	Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-226aa; Full Length of Mature Protein
Sequence	SETAPAETAT PAPVEKSPAK KKATKKAAGA GAAKRKATGP PVSELITKAV AASKERNGLS LAALKKALAA GGYDVEKNNS RIKLGLKSLV SKGTLVQTKG TGASGSFKLN KKAASGEAKP KAKKAGAAKA KKPAGATPKK AKKAAGAKKA VKKTPKKAKK PAAAGVKKVA KSPKKAKAAA KPKKATKSPA KPKAVKPKAA KPKAAPKAA KPKAAPKAA AAKKK
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for HIST1H1B recombinant protein	Histones are basic nuclear proteins responsible for nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a member of the histone H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the small histone gene cluster on chromosome 6p22-p21.3.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4885381
NCBI GeneID	3009
NCBI Accession #	NP_005313.1
NCBI GenBank Nucleotide #	NM_005322.2
UniProt Accession #	P16401 ; Q14529 ; Q3MJ42
Molecular Weight	22,580 Da
NCBI Official Full Name	histone H1.5
NCBI Official Synonym Full Names	histone cluster 1 H1 family member b
NCBI Official Symbol	HIST1H1B

NCBI Official Synonym Symbols	H1; H1B; H1.5; H1F5; H1s-3
NCBI Protein Information	histone H1.5
UniProt Protein Name	Histone H1.5
UniProt Gene Name	HIST1H1B
UniProt Synonym Gene Names	H1F5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hist1h1b-recombinant-protein-yeast-or-baculovirus-or-mammalian-cell/113117>