

Product datasheet for TP760185

H2AC1 (NM_170745) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins Description: Recombinant protein of human histone cluster 1, H2aa (HIST1H2AA), full length, with Nterminal HIS tag, expressed in E.Coli, 50ug Species: Human **Expression Host:** E. coli **Expression cDNA Clone** A DNA sequence encoding human full-length HIST1H2AA or AA Sequence: N-His Tag: Predicted MW: 14.1 kDa **Concentration:** >0.05 µg/µL as determined by microplate BCA method **Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** 25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. Store at -80°C. Storage: Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. **RefSeq:** NP 734466 Locus ID: 221613 **UniProt ID:** Q96QV6 500 **RefSeq Size:** Cytogenetics: 6p22.2 **RefSeq ORF:** 393 Synonyms: bA317E16.2; H2AA; H2AFR; HIST1H2AA; TH2A



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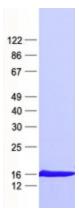
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CRICENEH2AC1 (NM_170745) Human Recombinant Protein - TP760185Summary:Histones are basic nuclear proteins that are responsible for the nucleosome structure of the
chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA
wrapped around a histone octamer composed of pairs of each of the four core histones
(H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of
a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin
structures. This gene is intronless and encodes a replication-dependent histone that is a
member of the histone H2A family. Transcripts from this gene contain a palindromic
termination element. [provided by RefSeq, Aug 2015]

Protein Pathways: Systemic lupus erythematosus

Product images:



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