Recombinant Human HIST1H2AC Protein, MYC/DDK-tagged

Cat. No. HIST1H2AC-242H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HIST1H2AC fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	13.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	HIST1H2AC histone cluster 1, H2ac [Homo sapiens]

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Official Symbol	HIST1H2AC
Synonyms	HIST1H2AC; histone cluster 1, H2ac; H2A histone family, member L , H2AFL, histone 1, H2ac; histone H2A type 1-C; histone H2AC; histone H2A/l; histone 1, H2ac; H2A histone family, member L; H2A/l; H2AFL; dJ221C16.4; MGC99519;
Gene ID	8334
mRNA Refseq	NM_003512
Protein Refseq	NP_003503
MIM	602794
UniProt ID	Q93077

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