Recombinant Human H2AC11 Protein (Met1-Lys130), N-GST tagged

Cat. No. H2AC11-3594H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human H2AC11 (Met1-Lys130) protein fused with the N-GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Lys130
Description	Histones are basic nuclear proteins that are responsible for the 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 replication-dependent histone that is a member of the histone H2A family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the histone microcluster on chromosome 6p21.33.
Molecular Mass	40.93 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.

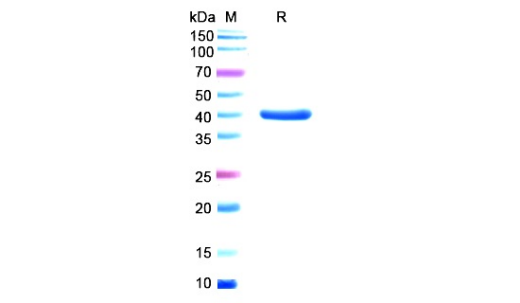
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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	0.01M PBS, pH 7.4, 0.02 % NLS
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	H2AC11 H2A clustered histone 11 [Homo sapiens (human)]
Official Symbol	H2AC11
Synonyms	H2AC11; H2A clustered histone 11; H2AG; H2A/p; H2AFP; H2A.1b; H2AC13; H2AC15; H2AC16; H2AC17; pH2A/f; HIST1H2AG;
Gene ID	8969
mRNA Refseq	NM_021064
Protein Refseq	NP_066408
MIM	615012
UniProt ID	P0C0S8

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SDS-PAGE	

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