

Recombinant Human H2AC7 Protein (Met1-Lys130), N-GST tagged

Cat. No. H2AC7-3596H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human H2AC7 (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. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an 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 lack polyA tails; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3.
Molecular Mass	40.95 kDa
Purity	>90 % as determined by SDS-PAGE.

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Notes	For research use only.
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.

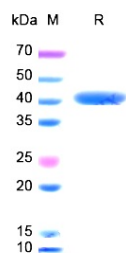
GENE INFORMATION

Gene Name	H2AC7 H2A clustered histone 7 [Homo sapiens (human)]
Official Symbol	H2AC7
Synonyms	H2AC7; H2A clustered histone 7; H2A.3; H2A/g; H2AFG; HIST1H2AD; histone H2A type 1-D; H2A histone family, member G; histone 1, H2ad; histone H2A.3; histone H2A/g; histone H2AD; histone cluster 1 H2A family member d; histone cluster 1, H2ad
Gene ID	3013
mRNA Refseq	NM_021065
Protein Refseq	NP_066409
MIM	602792

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