

Recombinant Human H2AC25 Protein (Met1-Lys130), N-GST tagged

Cat. No. H2AC25-3649H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human H2AW (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. 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.
Molecular Mass	40.96 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	H2AC25 H2A clustered histone 25 [Homo sapiens (human)]
Official Symbol	H2AC25
Synonyms	H2AC25; H2A clustered histone 25; H2AW; HIST3H2A; histone H2A type 3; H2A.W histone; histone 3, H2a; histone cluster 3 H2A; histone cluster 3, H2a
Gene ID	92815
mRNA Refseq	NM_033445
Protein Refseq	NP_254280
MIM	615015
UniProt ID	Q7L7L0

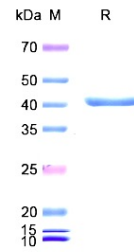
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SDS-PAGE



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