

Recombinant Human H2AZ2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. H2AZ2-2925H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	H2AFV MS Standard C13 and N15-labeled recombinant protein (NP_036544) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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 encodes a replication-independent histone that is a member of the histone H2A family. Several transcript variants encoding different isoforms, have been identified for this gene.
Molecular Mass	13.5 kDa
AA Sequence	MAGGKAGKDSGKAKAKAVSRSQRAGLQFPVGRIHRHLKTRTTSHGRVGATAAVYS AAILEYLTAEVLELAGNASKDLKVKRITPRHLQLAIRGDEELDSLIIKATIAGGGVIPHIHK SLIGKKGQKQTATRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

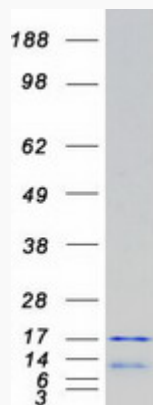
GENE INFORMATION

Gene Name	H2AZ2 H2A.Z variant histone 2 [Homo sapiens (human)]
Official Symbol	H2AZ2
Synonyms	H2AFV; H2A histone family, member V; H2AV; histone H2A.V; MGC1947; MGC10170; MGC10831; H2A.F/Z; histone H2A.F/Z; purine-rich binding element protein B; FLJ26479;
Gene ID	94239
mRNA Refseq	NM_012412
Protein Refseq	NP_036544
UniProt ID	Q71UI9

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SDS-PAGE

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