Recombinant Mouse H2az2 Protein, Myc/DDK-tagged

Cat. No. H2az2-3345M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length H2A histone family, member V (H2afv), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
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.
Molecular Mass	13.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	H2az2 H2A.Z histone variant 2 [Mus musculus (house mouse)]
Official Symbol	H2az2
Synonyms	H2az2; H2A.Z histone variant 2; H2a; H2av; H2A.Z; H2afv; H2A.Z2; H2a.z-2; Wnt1cre; Wnt1-Cre; Wnt1::Cre; C530002L11Rik; Tg(Wnt1-cre)11Rth; histone H2A.V; H2A histone family, member V; H2A.Z variant histone 2; histone H2A.F/Z
Gene ID	77605
mRNA Refseq	NM_029938
Protein Refseq	NP_084214
UniProt ID	Q3THW5

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