

Recombinant Human H2AFB2 Protein, GST-tagged

Cat. No. H2AFB2-4532H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human H2AFB2 full-length ORF (ADR82798.1, 1 a.a. - 115 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. This gene is part of a region that is repeated three times on chromosome X, once in intron 22 of the F8 gene and twice closer to the Xq telomere. This record represents the middle copy. [provided by RefSeq, Oct 2015]
Molecular Mass	12.7 kDa
AA Sequence	MPRRRRRRRGSSGAGGRGRTCSRTVRAELSFVSQVERSLREGHYAQRSLRTAPV YLAAVIEYLTAKVLELAGNEAQNSGERNITPLLLDMVVHNDRLSTLFNTTTISQVAPG ED
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	H2AFB2 H2A histone family member B2 [Homo sapiens (human)]
Official Symbol	H2AFB2
Synonyms	H2AFB2; H2A histone family member B2; H2A.Bbd; histone H2A-Bbd type 2/3; H2A Barr body deficient
Gene ID	474381
mRNA Refseq	NM_001017991
Protein Refseq	NP_001017991
UniProt ID	P0C5Z0

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