

Recombinant Human H2AFB3 Protein, GST-tagged

Cat. No. H2AFB3-4533H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human H2AFB3 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 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 most telomeric copy. [provided by RefSeq
Molecular Mass	12.7 kDa
AA Sequence	MPRRRRRRRGSSGAGGRGRTCSRTVRAELSFVSQVERSLREGHYAQRLSRTAPV YLAAVIEYLTAKVLELAGNEAQNSGERNITPLLLDMVVHNDRLSTLFNTTTISQVAPG ED
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	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	H2AFB3 H2A histone family, member B3 [Homo sapiens]
Official Symbol	H2AFB3
Synonyms	H2AFB3; H2A histone family, member B3; H2A histone family, member B , H2AFB; histone H2A-Bbd type 2/3; H2A.Bbd; H2A Barr body-deficient; histone variant H2A, Barr-body deficient; H2AFB; H2ABBBD; H2AFB2;
Gene ID	83740
mRNA Refseq	NM_080720
Protein Refseq	NP_542451
MIM	300445
UniProt ID	P0C5Z0

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