

Recombinant Human HIST1H2BA Protein, GST-tagged

Cat. No. HIST1H2BA-4785H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HIST1H2BA full-length ORF (BAG34991.1, 1 a.a. - 127 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 is intronless and encodes a testis/sperm-specific member of the histone H2B family. Transcripts from this gene contain a palindromic termination element. [provided by RefSeq
Molecular Mass	40.37 kDa
AA Sequence	MPEVSSKGATISKKGFKKAVVKTQKKEGKKRKRTRKESYSIYIKVLKQVHPDTGISS KAMSIMNSFVTDIFERIASEASRLAHYSKRSTISSREIQTAVRLLLPGELAKHAVSEG T KAVTKYTSSK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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 45-1 Ramsey Road, Shirley, NY 11967, USA

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	HIST1H2BA histone cluster 1, H2ba [Homo sapiens]
Official Symbol	HIST1H2BA
Synonyms	HIST1H2BA; histone cluster 1, H2ba; H2B histone family, member U, (testis specific) , histone 1, H2ba; histone H2B type 1-A; bA317E16.3; H2BFU; STBP; TSH2B; histone 1, H2ba; histone H2B, testis; testis-specific histone H2B; H2B histone family, member U, (testis-specific);
Gene ID	255626
mRNA Refseq	NM_170610
Protein Refseq	NP_733759
MIM	609904
UniProt ID	Q96A08

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