

Recombinant Full Length Human HIST1H2BK Protein, GST-tagged

Cat. No. HIST1H2BK-3580HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HIST1H2BK full-length ORF (AAH00893, 1 a.a. - 126 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	126 amino acids
Description	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene encodes a member of the histone H2B family. This gene is found in the histone microcluster on chromosome 6p21.33. [provided by RefSeq]
Molecular Mass	39.60 kDa
AA Sequence	MPEPAKSAPAPKKGSKKAVTKAQKKGKKRKRSRKESYSVYVYKVLKQVHPDTGIS SKAMGIMNSFVNDIFERIAGEASRLAHYNKRSTITSREIQTAVRLLLPGELAKHAVSE GTKAVTKYTSK

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Applications	Enzyme-linked Immunoabsorbent Assay 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	HIST1H2BK histone cluster 1, H2bk [Homo sapiens]
Official Symbol	HIST1H2BK
Synonyms	HIST1H2BK; histone cluster 1, H2bk; H2B histone family, member T , H2BFT, histone 1, H2bk; histone H2B type 1-K; H2BFAiii; H2B K; histone 1, H2bk; histone family member; HIRA-interacting protein 1; H2B histone family, member T; H2B/S; H2BFT; MGC131989;
Gene ID	85236
mRNA Refseq	NM_080593
Protein Refseq	NP_542160
MIM	615045
UniProt ID	O60814

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