

Recombinant Full Length Human HIST2H2BE Protein, GST-tagged

Cat. No. HIST2H2BE-3600HF **Lot. No.** (See product label)

SPECIFICATION	
Product Overview	Human HIST2H2BE full-length ORF (NP_003519.1, 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, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif. [provided by RefSeq]
Molecular Mass	40.3 kDa
AA Sequence	MPEPAKSAPAPKKGSKKAVTKAQKKGKKRKRSRKESYSIYVYKVLKQVHPDTGIS SKAMGIMNSFVNDIFERIAGEASRLAHYNKRSTITSREIQTAVRLLLPGELAKHAVSE GTKAVTKYTSSK

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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	HIST2H2BE histone cluster 2, H2be [Homo sapiens]
Official Symbol	HIST2H2BE
Synonyms	HIST2H2BE; histone cluster 2, H2be; histone H2B type 2-E; histone H2B.q; histone 2, H2be; histone H2B-GL105; H2B histone family, member Q; H2B; H2BQ; GL105; H2B.1; H2BFQ; H2BGL105; MGC119802; MGC119804; MGC129733; MGC129734;
Gene ID	8349
mRNA Refseq	NM_003528
Protein Refseq	NP_003519
MIM	601831
UniProt ID	Q16778

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