

Recombinant Human HIST2H2BE Protein, His-tagged

Cat. No. HIST2H2BE-416H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HIST2H2BE fused with His tag at N-terminal was expressed in HEK293.
Species	Human
Source	E.coli
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 replication-dependent histone that is 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. The protein has antibacterial and antifungal antimicrobial activity.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol. Store at -80C. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	13.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Concentration >50 ug/mL as determined by microplate BCA method

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

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