Recombinant Human H2BC21 Protein (Pro2-Lys126), N-His tagged

Cat. No. H2BC21-3209H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human HIST2H2BE/H2BC21 (Pro2-Lys126) protein fused with the N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Pro2-Lys126
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.
Molecular Mass	16.10 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.

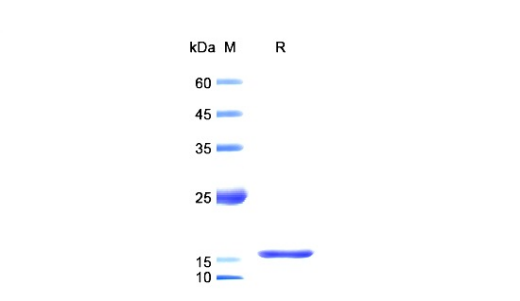
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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	0.01M PBS, pH 7.4, 0.02 % NLS
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	H2BC21 H2B clustered histone 21 [Homo sapiens (human)]
Official Symbol	H2BC21
Synonyms	H2BC21; H2B clustered histone 21; H2B; H2BE; H2BQ; GL105; H2B.1; H2BFQ; H2BGL105; H2B-GL105; HIST2H2BE; histone H2B type 2-E; H2B histone family, member Q; histone 2, H2be; histone H2B-GL105; histone H2B.q; histone cluster 2 H2B family member e; histone cluster 2, H2be
Gene ID	8349
mRNA Refseq	NM_003528
Protein Refseq	NP_003519
MIM	601831
UniProt ID	Q16778

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SDS-PAGE	

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