

**PRODUCT INFORMATION**

<b>Target</b>	HIST1H2BK
<b>Synonyms</b>	H2B/S; H2BFAiii; H2BFT; H2BK; HIST1H2BK
<b>Description</b>	Purified recombinant protein of Human histone cluster 1, H2bk (HIST1H2BK), full length, with N-terminal HIS tag, expressed in E. coli, 50ug
<b>Delivery</b>	2-3 weeks
<b>Uniprot ID</b>	O60814
<b>Expression Host</b>	E. coli
<b>Tag</b>	N-His
<b>Molecular Characterization</b>	N/A
<b>Molecular Weight</b>	13.7 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Formulation &amp; Reconstitution</b>	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl.
<b>Storage &amp; Shipping</b>	Store at -80°C.
<b>Background</b>	<p>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. The protein encoded is an antimicrobial protein with antibacterial and antifungal activity. Two transcripts that encode the same protein have been identified for this gene, which is found in the histone microcluster on chromosome 6p21.33. [provided by RefSeq, Aug 2015]</p>
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated

