Recombinant Human HIST3H2A Protein, GST-tagged

Cat. No. HIST3H2A-4816H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HIST3H2A full-length ORF (BAG34871.1, 1 a.a. - 130 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H2A family. Transcripts from this gene contain a palindromic termination element. [provided by RefSeq
Molecular Mass	40.7 kDa
AA Sequence	MSGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYSERVGAGAPVYLAA VLEYLTAEILELAGNAARDNKKTRIIPRHLQLAIRNDEELNKLLGRVTIAQGGVLPNIQA VLLPKKTESHHKAKGK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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	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	HIST3H2A histone cluster 3 H2A [Homo sapiens (human)]
Official Symbol	HIST3H2A
Synonyms	HIST3H2A; histone cluster 3 H2A; histone H2A type 3; histone 3, H2a; histone cluster 3, H2a
Gene ID	92815
mRNA Refseq	NM_033445
Protein Refseq	NP_254280
MIM	615015
UniProt ID	Q7L7L0

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