Recombinant Full Length Human HIST1H2AA Protein, GST-tagged

Cat. No. HIST1H2AA-3567HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HIST1H2AA full-length ORF (AAH62211.1, 1 a.a. - 131 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	131 amino acids
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	40.81 kDa
AA Sequence	MSGRGKQGGKARAKSKSRSSRAGLQFPVGRIHRLLRKGNYAERIGAGAPVYLAAVL EYLTAEILELAGNASRDNKKTRIIPRHLQLAIRNDEELNKLLGGVTIAQGGVLPNIQAVL LPKKTESHHHKAQSK

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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	HIST1H2AA histone cluster 1, H2aa [Homo sapiens]
Official Symbol	HIST1H2AA
Synonyms	HIST1H2AA; histone cluster 1, H2aa; H2A histone family, member R , histone 1, H2aa; histone H2A type 1-A; bA317E16.2; H2AFR; histone H2A/r; histone 1, H2aa; H2A histone family, member R; H2AA;
Gene ID	221613
mRNA Refseq	NM_170745
Protein Refseq	NP_734466
MIM	613499
UniProt ID	Q96QV6

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