Recombinant Full Length Human HIST1H1D Protein, GST-tagged

Cat. No. HIST1H1D-3565HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HIST1H1D full-length ORF (BAG35698.1, 1 a.a. - 221 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	221 amino acids
Description	Histones are basic nuclear proteins responsible for 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 is intronless and encodes a member of the histone H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6. [provided by RefSeq
Molecular Mass	50.71 kDa
AA Sequence	MSETAPLAPTIPAPAEKTPVKKKAKKAGATAGKRKASGPPVSELITKAVAASKERSG VSLAALKKALAAAGYDVEKNNSRIKLGLKSLVSKGTLVQTKGTGASGSFKLNKKAAS GEGKPKAKKAGAAKPRKPAGAAKKPKKVAGAATPKKSIKKTPKKVKKPATAAGTKK

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	VAKSAKKVKTPQPKKAAKSPAKAKAPKPKAAKPKSGKPKVTKAKKAAPKKK
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	HIST1H1D histone cluster 1, H1d [Homo sapiens]
Official Symbol	HIST1H1D
Synonyms	HIST1H1D; histone cluster 1, H1d; H1 histone family, member 3 , H1F3, histone 1, H1d; histone H1.3; H1.3; H1d; H1s 2; histone H1c; histone 1, H1d; H1 histone family, member 3; H1D; H1F3; MGC138176;
Gene ID	3007
mRNA Refseq	NM_005320
Protein Refseq	NP_005311
MIM	142210

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UniProt ID	P16402

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