Recombinant Human HIST4H4 Protein, GST-tagged

Cat. No. HIST4H4-4819H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HIST4H4 full-length ORF (AAH20884, 1 a.a. - 103 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 H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. [provided by RefSeq
Molecular Mass	37.07 kDa
AA Sequence	MSGRGKGGKGLGKGGAKRHRKVLRDNIQGITKPAIRRLARRGGVKRISGLIYEETRG VLKVFLENVIRDAVTYTEHAKRKTVTAMDVVYALKRQGRTLYGFGG
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

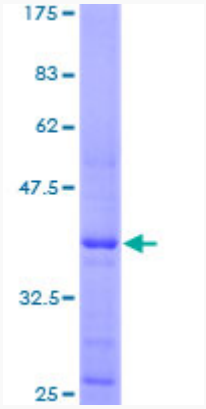
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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	HIST4H4 histone cluster 4, H4 [Homo sapiens]
Official Symbol	HIST4H4
Synonyms	HIST4H4; histone cluster 4, H4; histone 4, H4; histone H4; MGC24116; H4/p; HIST1H4A; HIST1H4B; HIST1H4C; HIST1H4D; HIST1H4E; HIST1H4F; HIST1H4H; HIST1H4I; HIST1H4J; HIST1H4K; HIST1H4L; HIST2H4A; HIST2H4B;
Gene ID	121504
mRNA Refseq	NM_175054
Protein Refseq	NP_778224
UniProt ID	P62805

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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