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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

HIST2H4A (Human) Recombinant Protein (P01)

Catalog Number: H00008370-P01

Regulation Status: For research use only (RUO)

Product Description: Human HIST2H4A full-length ORF (AAI53064.1, 1 a.a. - 103 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSGRGKGGKGLGKGGAKRHRKVLRLDNIQGITKPAIRR
LARRGGVKRISGLIYEETRGVLKVFLENVIRDAVITYTEH
AKRKTVTAMDVVYALKRQGRTLYGFGG

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 38.28

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 8370

Gene Symbol: HIST2H4A

Gene Alias: FO108, H4, H4/n, H4F2, H4FN, HIST2H4

Gene Summary: Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an 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. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated; this record represents the centromeric copy. [provided by RefSeq]