



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### HIST1H2AC (Human) Recombinant Protein (P01)

**Catalog Number:** H00008334-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human HIST1H2AC full-length ORF ( NP\_003503.1, 1 a.a. - 130 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MSGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLR  
KGNYAERVGAGAPVYLAHVLEYLTAEILELAGNAARDN  
KKTRIIIPRHLQLAIRNDEELNKLGRVTIAQGGVLPNIQA  
VLLPKKTESHKAKGK

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 40.5

**Interspecies Antigen Sequence:** Mouse (98); Rat (99)

**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:** 8334

**Gene Symbol:** HIST1H2AC

**Gene Alias:** H2A/I, H2AFL, MGC99519, dJ221C16.4

**Gene Summary:** Histones are basic nuclear proteins that are responsible for the 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 H2A 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]