



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
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

### HIST1H1A (Human) Recombinant Protein (P01)

**Catalog Number:** H00003024-P01

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

**Product Description:** Human HIST1H1A full-length ORF ( NP\_005316.1, 1 a.a. - 215 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

```
MSETVPPAPAASAAPEKPLAGKKAKKPAKAAAASKKK  
PAGPSVSELIVQAASSSKERGGVSLAALKKALAAAGYD  
VEKNNSRIKLGIKSLVSKGTLVQTKGTGASGSFKLNKK  
ASSVETKPGASKVATKTKATGASKKLKATGASKKSV  
KTPKKAKKPAATRKSNNPKPKTVKPKKVAKSPAKA  
KAVKPAAKARVTKPKTAKPKKAAPKKK
```

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

**Theoretical MW (kDa):** 48.2

**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:** 3024

**Gene Symbol:** HIST1H1A

**Gene Alias:** H1.1, H1F1, HIST1, MGC126642, MGC138345

**Gene Summary:** 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]