



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### H2AFZ (Human) Recombinant Protein (P01)

**Catalog Number:** H00003015-P01

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

**Product Description:** Human H2AFZ full-length ORF (AAH18002, 1 a.a. - 128 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAGGKAGKDSGKAKTKAVSRQRAGLQFPVGRHRH  
LKSRTTSHGRVGATAAVYSAAILEYLTAEVLELAGNAS  
KDLKVKRITPRHLQLAIRGDEELDSLKATIAGGGVPHI  
HKSLIGKKGQKTV

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

**Theoretical MW (kDa):** 39.82

**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:** 3015

**Gene Symbol:** H2AFZ

**Gene Alias:** H2A.z, H2A/z, H2AZ, MGC117173

**Gene Summary:** 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 encodes a replication-independent member of the histone H2A family that is distinct from other members of the family. Studies in mice have shown that this particular histone is required for embryonic development and indicate that lack of functional histone H2A leads to embryonic lethality. [provided by RefSeq]