



# SZABO SCANDIC

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## Produktinformation



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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### HMGN1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00003150-P01

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

**Product Description:** Human HMGN1 full-length ORF (AAH23984, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MPKRKVSSTEGAAKEEPKRRSARLSAKPPAKVEAKPK  
KAAAKDKSSDKKVQTKGKRGAKGKQAEVANQETKED  
LPAENGETKTEESPASDEAGEKEAKSD

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

**Theoretical MW (kDa):** 36.74

**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:** 3150

**Gene Symbol:** HMGN1

**Gene Alias:** FLJ27265, FLJ31471, HMG14, MGC104230, MGC117425

**Gene Summary:** Chromosomal protein HMG14 and its close analog HMG17 (MIM 163910) bind to the inner side of the nucleosomal DNA, potentially altering the interaction between the DNA and the histone octamer.

The 2 proteins may be involved in the process that maintains transcribable genes in a unique chromatin conformation. Their ubiquitous distribution and relative abundance, as well as the high evolutionary conservation of the DNA-binding domain of the HMG14 family of proteins, suggest that they may be involved in an important cellular function.[supplied by OMIM]

**References:**

1. Serum autoantibody signature of ductal carcinoma in situ progression to invasive breast cancer. Mange A, Lacombe J, Basco M, Mollevi C, Jarlier M, Lamy PJ, Rouanet P, Maudelonde T, Solassol J. Clin Cancer Res. 2012 Feb 9. [Epub ahead of print]