



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### HMGB3 (Human) Recombinant Protein (P01)

**Catalog Number:** H00003149-P01

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

**Product Description:** Human HMGB3 full-length ORF ( NP\_005333.2, 1 a.a. - 200 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAKGDPKKPKGKMSAYAFFVQTCREEHKKKNPEVPV  
NFAEFSKKCSERWKTMSGKEKSKFDEMAKADKVRYP  
REMKDYGPAKGGKKKKDPNAPKRPPSGFFLFCSEFR  
PKIKSTNPGISIGDVAKKLGEMWNNLNDSEKQPYITKA  
AKLKEYEKDVADYKSKGKFDGAKGPAKVARKKVEEE  
DEEEEEEEEEEEEEDE

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

**Theoretical MW (kDa):** 49.4

**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:** 3149

**Gene Symbol:** HMGB3

**Gene Alias:** HMG2A, HMG4, MGC90319

**Gene Summary:** HMGB3 belongs to the high mobility group (HMG) protein superfamily. Like HMG1 (MIM

163905) and HMG2 (MIM 163906), HMGB3 contains DNA-binding HMG box domains and is classified into the HMG box subfamily. Members of the HMG box subfamily are thought to play a fundamental role in DNA replication, nucleosome assembly and transcription (Wilke et al., 1997 [PubMed 9370291]; Nemeth et al., 2006 [PubMed 16945912]).[supplied by OMIM]