



# 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

### HOXA7 (Human) Recombinant Protein (P01)

**Catalog Number:** H00003204-P01

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

**Product Description:** Human HOXA7 full-length ORF ( NP\_008827.2, 1 a.a. - 230 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

```
MSSSYVNALFSKYTAGASLQNAEPTSCSFAPNSQR  
SGYGAGAGAFASVPLGLYVNSPLYQSPFASGYGLG  
ADAYGNLPCASYDQNIPLGLCSDLAKGACDKTDEGALH  
GAAEANFRIYPWMRSSGPDRKRGRQTYTRYQTLELE  
KEHFHNYLTRRRRIEIAHALCLTERQIKIWFQRRMK  
WKKEHKDEGPTAAAAPGAVPSAAATAAADKADEED  
DDEEEDEEEE
```

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

**Theoretical MW (kDa):** 51.8

**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:** 3204

**Gene Symbol:** HOXA7

**Gene Alias:** ANTP, HOX1, HOX1.1, HOX1A

**Gene Summary:** In vertebrates, the genes encoding the

class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. For example, the encoded protein represses the transcription of differentiation-specific genes during keratinocyte proliferation, but this repression is then overcome by differentiation signals. This gene is highly similar to the antennapedia (Antp) gene of *Drosophila*. [provided by RefSeq]