



# SZABO SCANDIC

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## Produktinformation



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Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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### 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

### GATA3 (Human) Recombinant Protein (P02)

**Catalog Number:** H00002625-P02

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

**Product Description:** Human GATA3 full-length ORF ( NP\_001002295.1, 1 a.a. - 444 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MEVTADQPRWVSHHHPAVLNGQHPDTHHPGLSHSY  
MDAAQYPLPEEVDVLFNIDGQGNHVPPYYGNSVRATV  
QRYPPTHHGSQVCRPPLLHGSLPWLDGGKALGSHHT  
ASPWNLSPFSKTSIHGSGPLSVYPPASSSSLSGGH  
ASPHLFTFPPTPPKDVSPDPSLSTPGSAGSARQDEKE  
CLKYQVPLPDSMKLESSHSRGSMTALGGASSSTHHPI  
TTYPPYVPEYSSGLFPPSSLLGGSPGFGCKSRPKAR  
SSTEGRECVNCGATSTPLWRRDGTGHYLCNACGLYH  
KMNGQNRPLIKPKRRLSAARRAGTSCANCQTTTTTLW  
RRNANGDPVCNACGLYYKLNINRPLTMKKEGIQTRN  
RKMSKSKKCKKVHDSLEDFPKNSSFNPAALSRHMSS  
LSHISPFSSHMLTTPTPMHPPSSLSFGPHHPSSMV  
TAMG

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

**Theoretical MW (kDa):** 74.4

**Interspecies Antigen Sequence:** Mouse (96); Rat (96)

**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:** 2625

**Gene Symbol:** GATA3

**Gene Alias:** HDR, MGC2346, MGC5199, MGC5445

**References:**

1. Gata3/Ruvbl2 complex regulates T helper 2 cell proliferation via repression of Cdkn2c expression. Hosokawa H, Tanaka T, Kato M, Shinoda K, Tohyama H, Hanazawa A, Tamaki Y, Hirahara K, Yagi R, Sakikawa I, Morita A, Nagira M, Poyurovsky MV, Suzuki Y, Motohashi S, Nakayama T Proc Natl Acad Sci U S A. 2013 Nov 12;110(46):18626-31. doi: 10.1073/pnas.1311100110. Epub 2013 Oct 28.
2. Functionally distinct Gata3/Chd4 complexes coordinately establish T helper 2 (Th2) cell identity. Hosokawa H, Tanaka T, Suzuki Y, Iwamura C, Ohkubo S, Endoh K, Kato M, Endo Y, Onodera A, Tumes DJ, Kanai A, Sugano S, Nakayama T Proc Natl Acad Sci U S A. 2013 Mar 7.
3. Gata3 directly regulates early inner ear expression of Fgf10. Economou A, Datta P, Georgiadis V, Cadot S, Frenz D, Maconochie M. Dev Biol. 2012 Dec 3. pii: S0012-1606(12)00647-1. doi: 10.1016/j.ydbio.2012.11.028. [Epub ahead of print]