



# SZABO SCANDIC

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## 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

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## Datasheet

### GATA1 (Human) Recombinant Protein (P02)

**Catalog Number:** H00002623-P02

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

**Product Description:** Human GATA1 full-length ORF ( ENSP00000365858, 1 a.a. - 413 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MEFFPLGSLGTSEPLPQFVDPALVSSTPESGVFFPSG  
PEGLDAAASSTAPSTATAAAAAALAYYRDAEAYRHSPV  
FQVYPLLNCMEGIPGGSPYAGWAYGKTGLYPASTVCP  
TREDSPQAVEDLDGKGSTSFLETLKTERLSPDLLTLG  
PALPSSLPVPNSAYGGPDFSSTFFSPTGSPLNSAAYS  
SPKLRGTLPLPPCEARECVNCGATATPLWRRDRTGH  
YLCNACGLYHKMNGQNRPLIRPKKRLIVSKRAGTQCT  
NCQTTTTTLWRRNASGDPVCNACGLYKLVHQRPL  
TMRKDGITRNRKASGKGGKKGSSLGTTGAAEGPA  
GGFMVVAGGSGGNCGEVASGLTLGPPGTAHLYQGL  
GPVVLSPVSHLMPFPGPLLGSPTGSFPTGMPPTTS  
TTVVAPLSS

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

**Theoretical MW (kDa):** 69.2

**Interspecies Antigen Sequence:** Mouse (86); Rat (86)

**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:** 2623

**Gene Symbol:** GATA1

**Gene Alias:** ERYF1, GF-1, GF1, NFE1

**Gene Summary:** This gene encodes a protein which belongs to the GATA family of transcription factors. The protein plays an important role in erythroid development by regulating the switch of fetal hemoglobin to adult hemoglobin. Mutations in this gene have been associated with X-linked dyserythropoietic anemia and thrombocytopenia. [provided by RefSeq]

**References:**

1. Inactivation of the tight junction gene CLDN11 by aberrant hypermethylation modulates tubulins polymerization and promotes cell migration in nasopharyngeal carcinoma. Li HP, Peng CC, Wu CC, Chen CH, Shih MJ, Huang MY, Lai YR, Chen YL, Chen TW, Tang P, Chang YS, Chang KP, Hsu CL. J Exp Clin Cancer Res. 2018 May 10;37(1):102