



# SZABO SCANDIC

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## Produktinformation



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### Lieferung & Zahlungsart

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### 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

### WNT3A (Human) Recombinant Protein (P01)

**Catalog Number:** H00089780-P01

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

**Product Description:** Human WNT3A full-length ORF (AAI03922.1, 1 a.a. - 385 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAPLGYFLLLSLQALGSYPIWWSLAVGPQYSSLGS  
QPILCASIPGLVPKQLRFCRNYVEIMPSVAEGIKIGIQEC  
QHQRGRRWNCTTVHDSLAIFGPVLDKATRESAFVHA  
IASAGVAFVTRSCAEGTAAICGCSSRHQGSPGKGWK  
WGGCSEDIIEFGMVSREFADARENRPDARSAMNRH  
NNEAGRQAIASHMHLKCKCHGLSGSCEVKTCWWSQP  
DFRAIGDFLKDKYDSASEMVVEKHRESRGWVETLRPR  
YTYFKVPTERDLVYYEASPNFCEPNPETGSFGTRDRT  
CNVSSHGIDGCDLLCCGRGHNARAERRREKRCRVFH  
WCCYVSCQECTRVYDVHTCKNPGSRAGNSAHQPPH  
PQPPVRFHPPLRRAGKVP

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

**Theoretical MW (kDa):** 69.3

**Interspecies Antigen Sequence:** Mouse (96); Rat (95)

**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:** 89780

**Gene Symbol:** WNT3A

**Gene Alias:** MGC119418, MGC119419, MGC119420

**Gene Summary:** The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It encodes a protein which shows 96% amino acid identity to mouse Wnt3A protein, and 84% to human WNT3 protein, another WNT gene product. This gene is clustered with WNT14 gene, another family member, in chromosome 1q42 region. [provided by RefSeq]

**References:**

1. Wnt3a promotes radioresistance via autophagy in squamous cell carcinoma of the head and neck. Jing Q, Li G, Chen X, Liu C, Lu S, Zheng H, Ma H, Qin Y, Zhang D, Zhang S, Ren S, Huang D, Tan P, Chen J, Qiu Y, Liu Y. *J Cell Mol Med.* 2019 Jul;23(7):4711-4722. doi: 10.1111/jcmm.14394. Epub 2019 May 21.
2. Blockage of a miR-21/EGFR regulatory feedback loop augments anti-EGFR therapy in glioblastomas. Zhang KL, Han L, Chen LY, Shi ZD, Yang M, Ren Y, Chen LC, Zhang JX, Pu PY, Kang CS *Cancer Lett.* 2013 Sep 3. pii: S0304-3835(13)00640-X. doi: 10.1016/j.canlet.2013.08.043.