



# SZABO SCANDIC

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## Produktinformation



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Zellkultur & Verbrauchsmaterial



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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### WNT7B (Human) Recombinant Protein (P01)

**Catalog Number:** H00007477-P01

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

**Product Description:** Human WNT7B full-length ORF (AAH34923, 32 a.a. - 349 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

LGANIICNKIPGLAPRQRAICQSRPDIIIVIGEGAQMGIN  
ECQYQFRFGRWNCSALGEKTVFGQELRVGSREAAFT  
YAITAAGVAHAVTAACSQGNLSNCGCDREKQGYYNQ  
AEGWKWGGCSADVRYGIDFSRRFVDAREIKKNARRL  
MNLHNNEAGKKVLEDRMQLECKCHGVSGSCTTKTCW  
TTLPKFREVGHLLEEKYNAAVQEVVRSRLRQPTFL  
RIKQLRSYQKPMETDLVYIEKSPNYCEEDAATGSVGT  
QGRLCNRTPSGADGCDTMCCGRGYNTHQYTKVWQC  
NCKFWCCFVKCNTCSERVEVFTCK

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

**Theoretical MW (kDa):** 60.72

**Interspecies Antigen Sequence:** Mouse (98); Rat (98)

**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:** 7477

**Gene Symbol:** WNT7B

**Gene Alias:** -

**Gene Summary:** This gene is a member of the WNT gene family, which consists of structurally related genes that 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. Among members of the human WNT family, this gene product is most similar to WNT7A protein. [provided by RefSeq]

**References:**

1. Wnt and RUNX2 mediate cartilage breakdown by osteoarthritis synovial fibroblast-derived ADAMTS-7 and -12. Perez-Garcia S, Carrion M, Villanueva-Romero R, Hermida-Gomez T, Fernandez-Moreno M, Mellado M, Blanco FJ, Juarranz Y, Gomariz RP. J Cell Mol Med. 2019 Jun;23(6):3974-3983. doi: 10.1111/jcmm.14283. Epub 2019 Mar 22.
2. The WNT7B protein promotes the migration and differentiation of human dental pulp cells partly through WNT/beta-catenin and c-Jun N-terminal kinase signalling pathways. Lv H, Yang J, Wang C, Yu F, Huang D, Ye L. Arch Oral Biol. 2018 Mar;87:54-61. doi: 10.1016/j.archoralbio.2017.12.015. Epub 2017 Dec 15.