



# SZABO SCANDIC

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## Produktinformation



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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### WNT2 (Human) Recombinant Protein (P01)

**Catalog Number:** H00007472-P01

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

**Product Description:** Human WNT2 full-length ORF (AAH29854, 1 a.a. - 360 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MNAPLGGIWLWLP LLTWTLP EVNSSWWYMRATGGS  
SRVMCDNVPGLVSSQRQLCHRHPDVMRAISQGVAEW  
TAECQHQRQHRWNCNTLDRDHSLFGRVLLRSSRES  
AFVYAISSAGVVF AITRACSQGEVKSCSDPKKMGSA  
KDSKGIFDWGGCSDNIDYGIKFARAFVDAKERK GKDA  
RALMNLHNNRAGRKAVKRFLKQECKCHGVSGSCTLR  
TCWLAMADFRKTGDYLRKYNGAIQVVMNQDGTGFT  
VANERFKKPTKNDLVYFENSPDYCIRDREAGSLGTAG  
RVCNLT SRGMDSCEVMCCGRGYDTSHVTRMTKCGC  
KFHWCCAVRCQDCLEALDVHTCKAPKNADWTTAT

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

**Theoretical MW (kDa):** 65.34

**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:** 7472

**Gene Symbol:** WNT2

**Gene Alias:** INT1L1, IRP

**Gene Summary:** This gene is a member of the WNT gene family. 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. Alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq]

**References:**

1. Wnt2 contributes to the progression of gastric cancer by promoting cell migration and invasion. Zhang Z, Wang J, Dong X. *Oncol Lett.* 2018 Sep;16(3):2857-2864. doi: 10.3892/ol.2018.9050. Epub 2018 Jun 28.
2. Decreased expression of WNT2 in villi of unexplained recurrent spontaneous abortion patients may cause trophoblast cell dysfunction via downregulated Wnt/?-catenin signaling pathway. Li N, Li S, Wang Y, Wang J, Wang K, Liu X, Li Y, Liu J. *Cell Biol Int.* 2017 Aug;41(8):898-907. doi: 10.1002/cbin.10807.
3. Wnt4/?-catenin signaling induces VSMC proliferation and is associated with intimal thickening. Tsaousi A, Williams H, Lyon CA, Taylor V, Swain A, Johnson JL, George SJ. *Circ Res.* 2011 Feb 18;108(4):427-36.