



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



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

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

WT1 (Human) Recombinant Protein (P01)

Catalog Number: H00007490-P01

Regulation Status: For research use only (RUO)

Product Description: Human WT1 full-length ORF (AAH32861.1, 1 a.a. - 302 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MEKGYSTVTFDGTSPSYGHTPSHHAAQFPNHSFKHED
PMGQQGSLGEQQYSVPPPVGCHTPTDCTGSQALL
LRTPYSSDNLYQMTSQLECMWQNMNLGATLKGVA
GSSSSVKWTEGQSNHSTGYESDNHTTPILCGAQYRM
HTHGVFRGIQDVRVRVPGVAPTLVRSASETSEKRPFMC
AYPGCNKRYFKLSHLQMSHRKHTGEKPYQCDFKDCE
RRFSRSDQLKRHRHTGVKPFQCKTCQRKFSRSDH
LKTHTRTHTGEKPFSCRWPCQKKFARSDLVRRHHN
MHQRNMTKLQAL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 60.9

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: 7490

Gene Symbol: WT1

Gene Alias: GUD, WAGR, WIT-2, WT33

Gene Summary: This gene encodes a transcription factor that contains four zinc-finger motifs at the C-terminus and a proline/glutamine-rich DNA-binding domain at the N-terminus. It has an essential role in the normal development of the urogenital system, and it is mutated in a small subset of patients with Wilm's tumors. Multiple transcript variants, resulting from alternative splicing at two coding exons, have been well characterized. There is also evidence for the use of non-AUG (CUG) translation initiation site upstream of, and in-frame with the first AUG, leading to additional isoforms. Authors of PMID:7926762 also provide evidence that WT1 mRNA undergoes RNA editing in human and rat, and that this process is tissue-restricted and developmentally regulated. [provided by RefSeq]