



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

PAX2 (Human) Recombinant Protein (P01)

Catalog Number: H00005076-P01

Regulation Status: For research use only (RUO)

Product Description: Human PAX2 full-length ORF (AAI48711.1, 1 a.a. - 431 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MDMHCKADPFSAMHPGHGGVNLGGVFNDRPLPD
VVRQRIVELAHQGVPCDISRQLRVSHGCVSKILGRYY
ETGSIKPGVIGGSKPKVATPKVVDKIAEYKRQNPTMFA
WEIRDRLAEGICDNDTVPSVSSINRIIRTKVQQPFHPT
PDGAGTGVTAPGHTIVPSTASPPVSSASNDPVGYSIN
GILGIPRSNGEKRRDEVEVYTPAHIRGGGGLHLVW
TLRDVSEGSVPNGDSQSGVDSLRLKHLRADTFTQQQL
EALDRVFERPSYDPVFAQASEHIKSEQGNEYSLPALTP
GLDEVKSSLSASTNPELGSNVSGTQTYPVVTGRDMAS
TTLPGYPPHPPTGQGSYPTSTLAGMVPGEFSGNPY
SHPQYTAYNEAWRFSNPALLMPPPGPPLPLPLPMTA
TSYRGDHIKLQADSFGLHIVPV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 74.36

Interspecies Antigen Sequence: Mouse (93); Rat (99)

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: 5076

Gene Symbol: PAX2

Gene Alias: -

Gene Summary: PAX2 encodes paired box gene 2, one of many human homologues of the *Drosophila melanogaster* gene *prd*. The central feature of this transcription factor gene family is the conserved DNA-binding paired box domain. PAX2 is believed to be a target of transcriptional suppression by the tumor suppressor gene WT1. Mutations within PAX2 have been shown to result in optic nerve colobomas and renal hypoplasia. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq]