



# 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

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## Datasheet

### ARPC1B (Human) Recombinant Protein (P01)

**Catalog Number:** H00010095-P01

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

**Product Description:** Human ARPC1B full-length ORF ( NP\_005711.1, 1 a.a. - 372 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAYHSFLVEPISCHAWNKDRTQIAICPNNHEVHIYEKS  
GAKWTKVHELKEHNGQVTGIDWAPESNRIVTCGTDR  
NAYVWTLKGRTWKPTLVILRINRAARCVRWAPNENKF  
AVGSGSRVISICYFEQENDWWVCKHIKKPIRSTVLSLD  
WHPNNVLLAAGSCDFKCRIFSAIYIKEVEERPAPTPWG  
SKMPFGELMFESSSSCGWVHGVCFSASGSRVAWVS  
HDSTVCLADADKKMAVATLASETLPLLALTFITDNSLVA  
AGHDCFPVLFTYDAAAGMLSFGGRLDVPKQSSQRGL  
TARERFQNLDDKASSEGGTAAGAGLDSLHKNSVQSIS  
VLSGGKAKCSQFCTTGMDGGMSIWDVKSLESALKDL  
KIK

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

**Theoretical MW (kDa):** 67.3

**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:** 10095

**Gene Symbol:** ARPC1B

**Gene Alias:** ARC41, p40-ARC, p41-ARC

**Gene Summary:** This gene encodes one of seven subunits of the human Arp2/3 protein complex. This subunit is a member of the SOP2 family of proteins and is most similar to the protein encoded by gene ARPC1A. The similarity between these two proteins suggests that they both may function as p41 subunit of the human Arp2/3 complex that has been implicated in the control of actin polymerization in cells. It is possible that the p41 subunit is involved in assembling and maintaining the structure of the Arp2/3 complex. Multiple versions of the p41 subunit may adapt the functions of the complex to different cell types or developmental stages. [provided by RefSeq]