



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

### ACTR3 (Human) Recombinant Protein (P01)

**Catalog Number:** H00010096-P01

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

**Product Description:** Human ACTR3 full-length ORF (AAH44590, 1 a.a. - 418 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAGRLPACVVDCGTGYTKLGYAGNTEPQFIIPSCIAIKE  
SAKVGDAQRRVMKGVDDLDFFIGDEAIEKPTYATKW  
PIRHGIAEDWDLMERFMEQVIFKYLRAEPEDHYFLLTE  
PPLNTPENREYTAEIFESFNVPGLYIAVQAVLALAAS  
WTSRQVGERLTGTVIDSGDGVTHVIPVAEGYVIGSCI  
KHIPIAGRDITYFIQQLLRDREVGIPPEQSLETAKAVKER  
YSYVCPDLVKEFNKYDTDGSKWIKQYTGINAISKKEFSI  
DVGYERFLGPEIFFHPEFANPDFTQPISEVVDEVIQNC  
PIDVRRPLYKNIVLSGGSTMFRDFGRRLQRDLKRTVDA  
RLKLSEELSGGRLKPKPIDVQVITHHMQRVAVWFGGS  
MLASTPEFYQVCHTKKDYEEIGPSICRHNPVFGVMS

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

**Theoretical MW (kDa):** 71.72

**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:** 10096

**Gene Symbol:** ACTR3

**Gene Alias:** ARP3

**Gene Summary:** The specific function of this gene has not yet been determined; however, the protein it encodes is known to be a major constituent of the ARP2/3 complex. This complex is located at the cell surface and is essential to cell shape and motility through lamellipodial actin assembly and protrusion. [provided by RefSeq]

**References:**

1. Plasma IgG autoantibody against actin-related protein 3 in liver fluke *Opisthorchis viverrini* infection. Rucksaken R, Haonon O, Pinlaor P, Pairojkul C, Roytrakul S, Yongvanit P, Selmi C, Pinlaor S *Parasite Immunol.* 2015 Mar 23. doi: 10.1111/pim.12188.