



# 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

### SEPT7 (Human) Recombinant Protein (P01)

**Catalog Number:** H00000989-P01

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

**Product Description:** Human SEPT7 full-length ORF ( NP\_001779.2, 1 a.a. - 418 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MVAQQKNLEGYVGFANLPNQVYRKSVKRGFEFTLMV  
VGESGLGKSTLINSFLTDLYSPEYPGPSHRIKKTQVQ  
EQSKVLIKEGGVQLLLTIVDTPGFGDAVDNSNCWQPVI  
DYIDSKFEDYLNASRVNRRQMPDNRVQCCLYFIAPS  
GHGLKPLDIEFMKRLHEKVNIIPLIAKADTLTPEECQQF  
KKQIMKEIQEHKIKIYEFPETDDEEENKLVKKIKDRLPLA  
VVGSNTHIEVNGKRVGRQYPWGVAEVENGEHCDFTI  
LRNMLIRTHMQDLKDVNTNNVHYENYRSRKLAAVTYNG  
VDNNKNKGQLTKSPLAQMEEERREHVAKMKKMEME  
MEQVFEMKVKEKVQKLDSEAEQRREHMQMKNLEA  
QHKELEEKRRQFEDEKANWEAQQRILEQQNSSRTLE  
KNKKKGKIF

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

**Theoretical MW (kDa):** 75.2

**Interspecies Antigen Sequence:** Mouse (99); 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:** 989

**Gene Symbol:** SEPT7

**Gene Alias:** CDC10, CDC3, Nbla02942, SEPT7A

**Gene Summary:** This gene encodes a protein that is highly similar to the CDC10 protein of *Saccharomyces cerevisiae*. The protein also shares similarity with Diff 6 of *Drosophila* and with H5 of mouse. Each of these similar proteins, including the yeast CDC10, contains a GTP-binding motif. The yeast CDC10 protein is a structural component of the 10 nm filament which lies inside the cytoplasmic membrane and is essential for cytokinesis. Although the exact function of this gene has not yet been determined, its high similarity to yeast CDC10 and the high conservative nature of eukaryotic cell cycle machinery suggest a similar role to that of its yeast counterpart. Alternative splicing results in two transcript variants encoding different isoforms. [provided by RefSeq]