



# 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## Datasheet

### MAP2 (Human) Recombinant Protein (P01)

**Catalog Number:** H00004133-P01

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

**Product Description:** Human MAP2 full-length ORF ( NP\_114033.2, 1 a.a. - 471 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MADERKDEAKAPHWTSAPLTEASAHSHPPPEIKDQGG  
AGEGLVRSANGFPYREDEEGAFGEHGSQGTYSNTKE  
NGINGELTSADRETAEEVSARIVQVVTAEAVAVLKGEQ  
EKEAQHKDQTAALPLAAEETANLPPSPPPSPASEQTV  
TVEEAAGGESALAPSVFKQAKDKVSDGVTKSPEKRSS  
LPRPSSILPPRRGVSGDRDENSFSLNSSISSSARRTTR  
SEPIRRAGKSGTSTPTTPGSTAITPGTPPSYSSRTPGT  
PGTPSYPRTPHTPGTPKSAILVPSEKKVAIIRTPPKSPA  
TPKQLRLINQPLPDLKNVKSIGSTDNIKYQPKGGQVQI  
VTCKIDLSHVTSKCGSLKNIRHRPGGGRVKIESVKLDF  
KEKAQAKVGS LDNAHHVPGGGNVKIDSQKLNFRHAHAK  
ARVDHGAEIITQSPGRSSVASPRRLSNVSSSGSINLLE  
SPQLATLAEDVTAALAKQGL

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

**Theoretical MW (kDa):** 76

**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:** 4133

**Gene Symbol:** MAP2

**Gene Alias:** DKFZp686I2148, MAP2A, MAP2B, MAP2C

**Gene Summary:** This gene encodes a protein that belongs to the microtubule-associated protein family. The proteins of this family are thought to be involved in microtubule assembly, which is an essential step in neurogenesis. The products of similar genes in rat and mouse are neuron-specific cytoskeletal proteins that are enriched in dendrites, implicating a role in determining and stabilizing dendritic shape during neuron development. A number of alternatively spliced variants encoding distinct isoforms have been described. [provided by RefSeq]