



# 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 Handels GmbH

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)



## Mouse C57 cDNA Panel of 5 Tissues

**Catalog #:** MD-005-C57

**Quantity:** 5X10 Reactions

**Storage Conditions:** Store at -20°C. It is good for one year of the date of purchase if stored properly.

**Applications:** The cDNA is primed with oligo dT primer and is ideal for gene expression analysis by PCR, characterization of alternative splicing of mRNA, and Gene cloning and target sequencing.

**Quality Control:** The PCR-Ready cDNA is functionally tested with the control primers in the recommended PCR reaction.

**Description:** The PCR-ready first strand cDNA is synthesized from high quality RNA isolated from adult mouse C57 tissues selected by the customer. Total RNA used for cDNA synthesis is isolated by modified guanidine thiocyanate techniques and treated with RNase-free DNase. The total RNA was primed with oligo dT primer and reverse transcribed by a reverse transcriptase enable synthesis of full-length cDNA up to 8.9kb. Use µl cDNA for each PCR reaction.

The amplification conditions used for amplification of beta-Actin as a positive control in a volume of 100µl:

|                                      |        |
|--------------------------------------|--------|
| cDNA                                 | 1µl    |
| 10X polymerase reaction buffer       | 10µl   |
| MgCl <sub>2</sub> , 25mM (2nM final) | 7.8µl  |
| Nucleotide Mix, 10mM (0.2mM final)   | 2.0µl  |
| Upstream beta-Actin primer (100µM)   | 1µl    |
| Downstream beta-Actin primer (100µM) | 1µl    |
| Taq Polymerase (5 units)             | 1µl    |
| Water                                | 76.2µl |
|                                      | 100µl  |

### Program of amplification:

Denaturation 94°C for 2 minutes

### 25 cycles:

Denaturation 94°C for 1 minute

Annealing 60°C for 1 minute

Extension 72°C for 2 minutes

Final extension 72°C for 5 min

Hold 4°C

**Intended use of the products:** All products from AMSBIO are intended for research use only and must not be used for medical diagnostic or drug purposes. AMSBIO products may not resell, modified for resale or used to manufacture commercial products without written approval from AMSBIO.

**Limited product warranty:** AMSBIO has a total quality assurance policy. If any product does not meet the specification stated in the product data sheet will be replaced at no charge. This warranty limits our liability to the replacement of the product only. No other warranties of any kind, express or implied, including without limitation, implied warranties of merchantability or fitness for a particular purpose, are provided by AMSBIO. AMSBIO shall not be liable for any incidental, indirect, special or consequential damages, even if it is aware of the possibility of such damages.

AMSBIO | [www.amsbio.com](http://www.amsbio.com) | [info@amsbio.com](mailto:info@amsbio.com)

 **UK & Rest of the World**  
184 Park Drive, Milton Park  
Abingdon OX14 4SE, UK  
T: +44 (0) 1235 828 200  
F: +44 (0) 1235 820 482

 **North America**  
1035 Cambridge Street,  
Cambridge, MA 02141  
T: +1 (617) 945-5033 or  
T: +1 (800) 987-0985  
F: +1 (617) 945-8218

 **Germany**  
Bockenheimer Landstr. 17/19  
60325 Frankfurt/Main  
T: +49 (0) 69 779099  
F: +49 (0) 69 13376880

 **Switzerland**  
Centro Nord-Sud 2E  
CH-6934 Bioggio-Lugano  
T: +41(0) 91 604 55 22  
F: +41(0) 91 605 17 85