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Zuschläge

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- Trockeneiszuschlag
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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

www.szabo-scandic.com

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

Guinea Pig Skeletal Muscles cDNA

Catalog #: GD-102**Quantity:** 30 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 Hartley Guinea Pig tissues (USA source). 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 1µl 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 ₂ , 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 sold by 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 AMSBIO 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 liable for any incidental, indirect, special or consequential damages, even if it is aware of the possibility of such damages.AMSBIO | www.amsbio.com | 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