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Produktinformation



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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

www.szabo-scandic.com

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

Chicken Skeletal Muscle cDNA

Catalog #: CD-102

Quantity: 30 Reactions

Storage Conditions: Store at -20°C. Suitable for one year of the date of purchase if stored correctly.

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 normal chicken tissues. All Total RNA used for cDNA synthesis procedures 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 μ l cDNA for each PCR reaction.

The amplification conditions used for amplification of beta-actin as a positive control in a volume of 100 μ l:

cDNA	1 μ l
10X polymerase reaction buffer	10 μ l
MgCl ₂ , 25mM (2nM final)	7.8 μ l
Nucleotide Mix, 10mM (0.2mM final)	2.0 μ l
Upstream beta-Actin primer (100 μ M)	1 μ l
Downstream beta-Actin primer (100 μ M)	1 μ l
Taq Polymerase (5 units)	1 μ l
Water	76.2 μ l
	100 μ l

Program of amplification:

Denaturation 94°C for 2 minutes

25 cycles:

Denaturation 94°C for 1 minute

Annealing 60°C for 1 minute

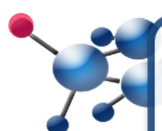
Extension 72°C for 2 minutes

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.

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UK & Rest of World

184 Milton Park, Abingdon
OX14 4SE, Oxon, UK
Tel: +44 (0) 1235 828 200
Fax: +44 (0) 1235 820 482

Switzerland

Centro Nord-Sud 2E
CH-6934 Bioggio-Lugano
Tel: +41 (0) 91 604 55 22
Fax: +41 (0) 91 605 17 85

Deutschland

Bockenheimer Landstr. 17/19
60325 Frankfurt/Main
Tel: +49 (0) 69 779099
Fax: +49 (0) 69 13376880

North America

23591 El Toro Rd, Suite #180
Lake Forest, CA 92630
Tel: +1 800 987 0985
Fax: +1 949 265 7703

amsbio

info@amsbio.com

www.amsbio.com
AMS Biotechnology