



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

www.szabo-scandic.com

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

Datasheet

ATP2A3 (Human) Recombinant Protein (Q01)

Catalog Number: H00000489-Q01

Regulation Status: For research use only (RUO)

Product Description: Human ATP2A3 partial ORF (AAH35729, 501 a.a. - 620 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

TRPHPTGQGSKMFVKGAPESVIERCSSLRVGSRAPL
TPTSREQILAKIRDWGSGLTLRCLALATRDAPPRKED
MELDDCSKQVYETDLTFVGCVGMDDPPRPEVAACIT
RCYQAGIR

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 38.94

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: 489

Gene Symbol: ATP2A3

Gene Alias: SERCA3

Gene Summary: This gene encodes one of the SERCA Ca(2+)-ATPases, which are intracellular pumps located in the sarcoplasmic or endoplasmic reticula of muscle cells. This enzyme catalyzes the hydrolysis of ATP

coupled with the translocation of calcium from the cytosol to the sarcoplasmic reticulum lumen, and is involved in calcium sequestration associated with muscular excitation and contraction. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

References:

1. Inhibition and conformational change of SERCA3b induced by Bcl-2. Hewarathna A, Dremina E, Schoneich C. *Biochim Biophys Acta*. 2016 Sep 14. [Epub ahead of print]