



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

TCAP (Human) Recombinant Protein (P01)

Catalog Number: H00008557-P01

Regulation Status: For research use only (RUO)

Product Description: Human TCAP full-length ORF (AAH13330, 1 a.a. - 167 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MATSELSCEVSEENCERREAFWAEWKDLTLSTRPEE
GCSLHEEDTQRHETYHQGGQCQVLVQRSPWLMMRM
GIHGRGLQEYQLPYQRVLPPIFTPAKMGATKEEREDT
PIQLQELLALLETALGGQCVDREVAEITKQLPPVVPVS
KPGALRRSLRSMSQEAQRG

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 44.11

Interspecies Antigen Sequence: Mouse (90)

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: 8557

Gene Symbol: TCAP

Gene Alias: CMD1N, LGMD2G, T-cap, TELE, telethonin

Gene Summary: Sarcomere assembly is regulated by

the muscle protein titin. Titin is a giant elastic protein with kinase activity that extends half the length of a sarcomere. It serves as a scaffold to which myofibrils and other muscle related proteins are attached. This gene encodes a protein found in striated and cardiac muscle that binds to the titin Z1-Z2 domains and is a substrate of titin kinase, interactions thought to be critical to sarcomere assembly. Mutations in this gene are associated with limb-girdle muscular dystrophy type 2G. [provided by RefSeq]