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Produktinformation



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Lieferung & Zahlungsart

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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) 

Mig-2 (h): 293T Lysate: sc-177550

BACKGROUND

Mig-2 recruits migfilin to cell-matrix adhesions, while the interaction with Filamin mediates the association of migfilin with Actin filaments. Together, Mig-2, migfilin and Filamin define a connection between cell matrix adhesions and the Actin cytoskeleton and participate in the orchestration of Actin assembly and cell shape modulation. Mig-2 expression is transcriptionally elevated in leiomyomas and could be involved in its hormone-mediated growth of leiomyomas of the uterus. Expression of Mig-2 is ubiquitous, and it is found in numerous tumor tissues.

REFERENCES

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3. Kato, K., et al. 2004. Expression of the mitogen-inducible gene-2 (Mig-2) is elevated in human uterine leiomyomas but not in leiomyosarcomas. *Hum. Pathol.* 35: 55-60.
4. Tseng, Y., et al. 2004. The bimodal role of Filamin in controlling the architecture and mechanics of F-Actin networks. *J. Biol. Chem.* 279: 1819-1826.
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6. Pudas, R., et al. 2005. Structural basis for vertebrate Filamin dimerization. *Structure* 13: 111-119.
7. Wu, C. 2005. Migfilin and its binding partners: from cell biology to human diseases. *J. Cell Sci.* 118: 659-664.
8. SWISS-PROT/TrEMBL (Q96AC1). World Wide Web URL: <http://www.expasy.ch/sprot/sprot-top.html>

CHROMOSOMAL LOCATION

Genetic locus: FERMT2 (human) mapping to 14q22.1.

PRODUCT

Mig-2 (h): 293T Lysate represents a lysate of human Mig-2 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

Mig-2 (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive Mig-2 antibodies. Recommended use: 10-20 µl per lane.

Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

STORAGE

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.