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### 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

# RBMY1F (h): 293T Lysate: sc-171485

## BACKGROUND

The RBM (RNA-binding motif) family of proteins contain RNA binding motifs, which may indicate involvement in pre-mRNA splicing events. The RBM gene family, including RBMY1A, RBMY1B, RBMY1D, RBMY1E, RBMY1F, RBMY1H and RBMY1J, is comprised of at least 30 genes and pseudogenes, found on both arms of the Y chromosome. Micro-deletions of the AZFb region of the Y chromosome, which contains a number of RBMY genes, usually results in severe consequences for spermatogenesis. RBMY1F (RNA binding motif protein, Y-linked, family 1, member F), also known as YRRM2, is a 496 amino acid testis-specific nuclear protein expressed in all transcriptionally active stages of germ cell development from spermatogonia through spermatocytes and round spermatids. RBMY1F contains a RNA-binding motif in the N-terminus and four SRGY (serine, arginine, glycine, tyrosine) boxes in the C-terminus. RBMY1F is expressed as two alternatively spliced isoforms.

## REFERENCES

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## CHROMOSOMAL LOCATION

Genetic locus: RBMY1F (human) mapping to Yq11.223.

## PRODUCT

RBMY1F (h): 293T Lysate represents a lysate of human RBMY1F transfected 293T cells and is provided as 100  $\mu$ g protein in 200  $\mu$ l SDS-PAGE buffer.

## APPLICATIONS

RBMY1F (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive RBMY1F antibodies. Recommended use: 10-20  $\mu$ l 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 $^{\circ}$  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](http://www.scbt.com) for detailed protocols and support products.