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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) 

# ZNF37A (h): 293T Lysate: sc-178171

## BACKGROUND

Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a Kruppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. ZNF37A, also called KOX21, is a member of the Kruppel C<sub>2</sub>H<sub>2</sub>-type zinc-finger family of transcriptional regulators. Located in the nucleus, ZNF37A is a 561 amino acid protein containing one KRAB domain and 12 C<sub>2</sub>H<sub>2</sub>-type zinc fingers. The gene encoding ZNF37A is found in a KOX zinc-finger cluster located on chromosome 10p11.1.

## REFERENCES

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## CHROMOSOMAL LOCATION

Genetic locus: ZNF37A (human) mapping to 10p11.1.

## PRODUCT

ZNF37A (h): 293T Lysate represents a lysate of human ZNF37A transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

## 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.

## APPLICATIONS

ZNF37A (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive ZNF37A 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.

## 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.