

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 C₂H₂-type zinc-finger family of transcriptional regulators. Located in the nucleus, ZNF37A is a 561 amino acid protein containing one KRAB domain and 12 C₂H₂-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 for detailed protocols and support products.