



ZNF167 (h): 293 Lysate: sc-112727

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 Krüppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. A member of the Krüppel C₂H₂-type zinc-finger protein family, ZNF167 (zinc finger protein 167), also known as zinc finger protein with KRAB and SCAN domains 7, is a 754 amino acid protein containing 13 C₂H₂-type zinc fingers, one KRAB domain and one SCAN box domain. Localized to the nucleus, ZNF167 exhibits transcriptional regulation activity. There are two isoforms of ZNF167 that are produced as a result of alternative splicing events.

REFERENCES

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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.

PROTOCOLS

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

CHROMOSOMAL LOCATION

Genetic locus: ZKSCAN7 (human) mapping to 3p21.31.

PRODUCT

ZNF167 (h): 293 Lysate represents a lysate of human ZNF167 transfected 293 cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

ZNF167 (h): 293 Lysate is suitable as a Western Blotting positive control for human reactive ZNF167 antibodies. Recommended use: 10-20 µl per lane.

Control 293 Lysate: sc-110760 is available as a Western Blotting negative control lysate derived from non-transfected 293 cells.

RESEARCH USE

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