SANTA CRUZ BIOTECHNOLOGY, INC.

RNF130 (m): 293T Lysate: sc-125933

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The Power to Question

BACKGROUND

The RING-type zinc finger motif is present in a number of viral and eukaryotic proteins and is made of a conserved cysteine-rich domain that is able to bind two zinc atoms. Proteins that contain this conserved domain are generally involved in the ubiquitination pathway of protein degradation. RNF130 (RING finger protein 130), also known as GP, G1RZFP (G_1-related zinc finger protein) or GOLIATH, is a 419 amino acid single-pass type I membrane protein that shares similarity with a *Drosophila* zinc-finger protein found in mesoderm known as g1. RNF130 contains one PA (protease associated) domain and a single RING-type zinc finger. Implicated in the regulation of growth factor withdrawal-induced apoptosis of myeloid precursor cells, RNF130 is encoded by a gene located on human chromosome 5q35.3 and mouse chromosome 11 B1.3.

REFERENCES

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4. Baker, S.J. and Reddy, E.P. 2000. Cloning of murine G1RP, a novel gene related to *Drosophila melanogaster* g1. Gene 248: 33-40.
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6. Guais, A., Siegrist, S., Solhonne, B., Jouault, H., Guellaën, G. and Bulle, F. 2006. h-Goliath, paralog of GRAIL, is a new E3 ligase protein, expressed in human leukocytes. Gene 374: 112-120.

CHROMOSOMAL LOCATION

Genetic locus: Rnf130 (mouse) mapping to 11 B1.3.

PRODUCT

RNF130 (m): 293T Lysate represents a lysate of mouse RNF130 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

RNF130 (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive RNF130 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.