SANTA CRUZ BIOTECHNOLOGY, INC.

BXDC2 (h): 293T Lysate: sc-113549

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The Power to Question

BACKGROUND

BXDC2 (Brix domain-containing protein 2) is a 306 amino acid protein encoded by the human gene BXDC2. BXDC2 is a nuclear protein that contains one Brix domain. Brix domain containing proteins represent a family of proteins involved in the biogenesis of large ribosomal subunits. The Brix domain is a region that is homologous to the yeast protein Pitx1 (ribosome biogenesis protein BRX1). Pitx1 is part of a complex that includes BXDC5, BXDC1 and PPAN. This complex is required for the biogenesis of the 60S ribosomal subunit. BXDC2 exhibits the same functions as Pitx1.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: BXDC2 (human) mapping to 5p13.2.

PRODUCT

BXDC2 (h): 293T Lysate represents a lysate of human BXDC2 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

BXDC2 (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive BXDC2 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-tranfected 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.