SANTA CRUZ BIOTECHNOLOGY, INC.

EURL (h): 293 Lysate: sc-113251

SANTA CRUZ BIOTECHNOLOGY

The Power to Question

BACKGROUND

First isolated in *Gallus gallus* retina and lens, EURL (early undifferentiated retina and lens), also known as C21orf91 of YG81, is a 297 amino acid protein that contains a putative carboxy-terminal coiled-coil domain. With highest expression in embryonic dorsal retina and, during later embryonic stages, the anterior epithelial cells of the lens, it is suspected that EURL may play a role in cell determination and differentiation. The gene encoding EURL maps to the long arm of chromosome 21, which houses approximately 300 genes and comprises nearly 1.5% of the human genome. Chromosome 21-associated disorders include Alzheimer's disease, amyotrophic lateral sclerosis and, most notably, Down syndrome (also known as trisomy 21).

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: C21orf91 (human) mapping to 21q21.1.

PRODUCT

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

APPLICATIONS

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

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.