



REXO4 (h2): 293 Lysate: sc-173398

BACKGROUND

Proper DNA and RNA metabolism require nucleases which function in DNA replication, recombination and repair, as well as in RNA processing and degradation events. REXO4 (REX4, RNA exonuclease 4 homolog), also known as REX4, XPMC2 or XPMC2H, is a 422 amino acid nucleolar protein containing an exonuclease domain. REXO4 interacts with ER α and ER β , however, this interaction is reversed by estrogen and augmented by Tamoxifen treatment. Expressed as two alternatively spliced isoforms, REXO4 is encoded by a gene located on human chromosome 9q34.2, which houses over 900 genes and comprises nearly 4% of the human genome. Hereditary hemorrhagic telangiectasia, which is characterized by harmful vascular defects, and familial dysautonomia, are both associated with chromosome 9. Notably, chromosome 9 encompasses the largest interferon family gene cluster.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: REXO4 (human) mapping to 9q34.2.

PRODUCT

REXO4 (h2): 293 Lysate represents a lysate of human REXO4 transfected 293 cells and is provided as 100 μ g protein in 200 μ l SDS-PAGE buffer.

APPLICATIONS

REXO4 (h2): 293 Lysate is suitable as a Western Blotting positive control for human reactive REXO4 antibodies. Recommended use: 10-20 μ l 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.