SANTA CRUZ BIOTECHNOLOGY, INC.

Ribosomal Protein L28 (h2): 293T Lysate: sc-174734

BACKGROUND

The genes encoding for mammalian Ribosomal Proteins comprise multigene families that consist predominantly of multiple processed pseudogenes and one functional intro-containing gene within their coding regions. Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. 60S Ribosomal Protein L28 is encoded by the RPL28 gene. This protein which is a structural constituent of the ribosome, is an RNA binding protein involved in protein biosynthesis.

REFERENCES

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6. Frigerio, J.M., Dagorn, J.C. and Iovanna, J.L. 1995. Cloning, sequencing and expression of the L5, L21, L27a, L28, S5, S9, S10 and S29 human Ribosomal Protein mRNAs. Biochim. Biophys. Acta 1262: 64-68.
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CHROMOSOMAL LOCATION

Genetic locus: RPL28 (human) mapping to 19q13.42.

PRODUCT

Ribosomal Protein L28 (h2): 293T Lysate represents a lysate of human Ribosomal Protein L28 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

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.

APPLICATIONS

Ribosomal Protein L28 (h2): 293T Lysate is suitable as a Western Blotting positive control for human reactive Ribosomal Protein L28 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.

RESEARCH USE

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