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Ribosomal Protein L9 (m): 293T Lysate: sc-123162

BACKGROUND

Ribosomes, the organelles that catalyze protein synthesis, are composed of a small subunit (40S) and a large subunit (60S) that consist of over 80 distinct ribosomal proteins. Mammalian ribosomal proteins are encoded by multigene families that contain processed pseudogenes and one functional intron-containing gene within their coding regions. Ribosomal Protein L9, also known as RPL9, is a 192 amino acid protein that is a component of the 60S subunit. Localized to the cytoplasm and expressed ubiquitously, Ribosomal Protein L9 belongs to the L6P family of ribosomal proteins and functions in protein synthesis. Like most ribosomal proteins, Ribosomal Protein L9 exists as multiple processed pseudogenes that are scattered throughout the genome. Due to alternative splicing events, Ribosomal Protein L9 is expressed as two isoforms.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: Rpl9 (mouse) mapping to 5 C3.1.

PRODUCT

Ribosomal Protein L9 (m): 293T Lysate represents a lysate of mouse Ribosomal Protein L9 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 L9 (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive Ribosomal Protein L9 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.