



# Ribosomal Protein S13 (h3): 293T Lysate: sc-113723

## 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 S13 (RPS13), also known as 40S ribosomal protein S13, is a 151 amino acid cytoplasmic protein belonging to the Ribosomal Protein S15P family. The gene encoding Ribosomal Protein S13 maps to human chromosome 11p15.1 and mouse chromosome 7 F1 and contains multiple phosphorylated residues. Like most ribosomal proteins, Ribosomal Protein S13 exists as multiple processed pseudogenes that are scattered throughout the genome.

## REFERENCES

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## CHROMOSOMAL LOCATION

Genetic locus: RPS13 (human) mapping to 11p15.1.

## PRODUCT

Ribosomal Protein S13 (h3): 293T Lysate represents a lysate of human Ribosomal Protein S13 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

## APPLICATIONS

Ribosomal Protein S13 (h3): 293T Lysate is suitable as a Western Blotting positive control for human reactive Ribosomal Protein S13 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.

## 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](http://www.scbt.com) for detailed protocols and support products.