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Rpp25 (m2): 293T Lysate: sc-123296

BACKGROUND

Ribonuclease P (RNase P) and Ribonuclease MRP (RNase MRP) are small nuclear ribonucleoproteins (snRNPs) that act on RNA substrates *in vitro*. RNase P and RNase MRP, which accumulate in the nucleolus, have a similar RNA component and also have several protein subunits in common. RNase P, which consists of a complex of an RNA species, POP1, POP5, and at least seven Rpps, removes the 5' leader sequences from precursor tRNA molecules. RPP25 (ribonuclease P/MRP 25kDa subunit) is a 199 amino acid nuclear protein that belongs to the histone-like Alba family and functions as a component of nuclear RNase P and RNase MRP ribonucleoproteins. Rpp25 is encoded by a gene that maps to human chromosome 15q24.2 and mouse chromosome 9 B.

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CHROMOSOMAL LOCATION

Genetic locus: Rpp25 (mouse) mapping to 9 B.

PRODUCT

Rpp25 (m2): 293T Lysate represents a lysate of mouse Rpp25 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.

RESEARCH USE

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

APPLICATIONS

Rpp25 (m2): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive Rpp25 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.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.