



Eps8L1 (m): 293T Lysate: sc-126799

BACKGROUND

Eps8L1 (Eps8-like 1), also known as DRC3 or EPS8R1, is a 723 amino acid protein that localizes to the cytoplasm and belongs to the Eps8 (epidermal growth factor receptor pathway substrate 8) family. Expressed in placental tissue, Eps8L1 functions to stimulate the guanine exchange activity of Sos 1 (son of sevenless homolog 1), a protein that promotes the exchange of Ras-bound GDP for GTP. Additionally, Eps8L1 is thought to associate with Actin and, via this association, may play a role in membrane ruffling and remodeling of the Actin cytoskeleton. Through its ability to regulate protein activation and cytoskeleton dynamics, Eps8L1 may participate in cell growth and differentiation events within the cell. Eps8L1 contains one SH3 domain and is expressed as four isoforms due to alternative splicing events.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: Eps8l1 (mouse) mapping to 7 A1.

PRODUCT

Eps8L1 (m): 293T Lysate represents a lysate of mouse Eps8L1 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.

APPLICATIONS

Eps8L1 (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive Eps8L1 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.

PROTOCOLS

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