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SANTA CRUZ BIOTECHNOLOGY, INC.

TMTSP (h): 293T Lysate: sc-117305

BACKGROUND

TMTSP (transmembrane molecule with Thrombospondin module), also known as THSD1 (Thrombospondin type-1 domain-containing protein 1), is an 852 amino acid protein expressed in endothelial cells and hematopoietic cells. Three isoforms of TMTSP are produced by alternative splicing events. Isoforms 1 and 2 are single-pass type I membrane proteins while isoform 3 is a secreted protein. TMTSP contains three immunoglobulin-like domains and one Thrombospondin domain. Thrombospondin domains have been associated with cell migration and are found in a variety of different proteins, including extracellular matrix proteins, thromobospondins and complement pathway proteins.

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CHROMOSOMAL LOCATION

Genetic locus: THSD1 (human) mapping to 13q14.3.

PRODUCT

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

APPLICATIONS

TMTSP (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive TMTSP 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 for detailed protocols and support products.