

FRMPD2 (h4): 293T Lysate: sc-371960

BACKGROUND

FERM domains are roughly 150 amino acids in length and are found in a number of cytoskeletal-associated proteins such as ezrin, radixin, moesin and 4.1 (erythrocyte membrane protein band 4.1), where they provide a link between cytoskeletal signals and membrane dynamics. FRMPD2 (FERM and PDZ domain-containing protein 2), also known as PDZD5C (PDZ domain-containing protein 5C) or PDZK4 (PDZ domain-containing protein 4), is a 1,309 amino acid protein containing one FERM domain, a KIND domain, and 3 PDZ (DHR) domains. Localizing to cytoplasm and basolateral cell membrane, FRMPD2 is expressed in epithelial cells and may play a role in the regulation of tight junction formation. FRMPD2 exists as five alternatively spliced isoforms and is encoded by a gene that maps to human chromosome 10q11.22.

REFERENCES

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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.

CHROMOSOMAL LOCATION

Genetic locus: FRMPD2 (human) mapping to 10q11.22.

PRODUCT

FRMPD2 (h4): 293T Lysate represents a lysate of human FRMPD2 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

FRMPD2 (h4): 293T Lysate is suitable as a Western Blotting positive control for human reactive FRMPD2 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.