CASC4 (h): 293T Lysate: sc-116811



The Power to Question

BACKGROUND

CASC4 (cancer susceptibility candidate 4), also known as H63, has been identified as a gene associated with HER-2/neu overexpression. Consisting of 433 amino acids and existing as 3 alternatively spliced isoforms, CASC4 is a single-pass type II membrane protein belonging to the GOLM1/CASC4 family. The gene encoding CASC4 maps to human chromosome 15, which houses over 700 genes and comprises nearly 3% of the human genome. Angelman syndrome, Prader-Willi syndrome, Tay-Sachs disease and Marfan syndrome are all associated with defects in chromosome 15-localized genes. Angelman and Prader-Willi syndromes are associated with loss of function or deletion of genes in the 15q11-q13 region. Tay-Sachs disease and Marfan syndrome are associated with chromosome 15 through the HEXA and FBN1 genes, respectively.

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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.

PROTOCOLS

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

CHROMOSOMAL LOCATION

Genetic locus: CASC4 (human) mapping to 15q15.3.

PRODUCT

CASC4 (h): 293T Lysate represents a lysate of human CASC4 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

CASC4 (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive CASC4 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.

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