

SPATA6 (h): 293T Lysate: sc-173789

BACKGROUND

SPATA6 (spermatogenesis associated 6), also known as SRF1, is a 488 amino acid secreted protein that may be involved in spermatid maturation or sperm function. SPATA6 is expressed during embryonic development and is localized in neural tube, somites and limb buds of mouse embryo. Existing as two isoforms produced by alternative splicing events, the gene encoding SPATA6 maps to mouse chromosome 4 D1 and human chromosome 1p33. Human chromosome 1 spans 260 million base pairs, contains over 3,000 genes and comprises nearly 8% of the human genome. Chromosome 1 houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson's disease, Gaucher disease, schizophrenia and Usher syndrome. Aberrations in chromosome 1 are found in a variety of cancers, including head and neck cancer, malignant melanoma and multiple myeloma.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: SPATA6 (human) mapping to 1p33.

PRODUCT

SPATA6 (h): 293T Lysate represents a lysate of human SPATA6 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

SPATA6 (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive SPATA6 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.