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Lieferung & Zahlungsart

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SANTA CRUZ BIOTECHNOLOGY, INC.

FAM46D (h2): 293T Lysate: sc-175037

BACKGROUND

The X and Y chromosomes are the human sex chromosomes. Chromosome X consists of about 153 million base pairs and nearly 1,000 genes. The combination of an X and Y chromosome lead to normal male development while two copies of X lead to normal female development. There are a number of conditions related to an unusual number and combination of sex chromosomes being inherited. More than one copy of the X chromosome with a Y chromosome causes Klinefelter's syndrome. A single copy of X alone leads to Turner's syndrome. More than two copies of the X chromosome, in the absence of a Y chromosome, is known as Triple X syndrome. Color blindness, hemophilia, and Duchenne muscular dystrophy are well known X chromosome-linked conditions which affect males more frequently as males carry a single X chromosome. The FAM46D gene product has been provisionally designated FAM46D pending further characterization.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: FAM46D (human) mapping to Xq21.1.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PRODUCT

FAM46D (h2): 293T Lysate represents a lysate of human FAM46D transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

FAM46D (h2): 293T Lysate is suitable as a Western Blotting positive control for human reactive FAM46D 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.

PROTOCOLS

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