



HSPC038 (h): 293 Lysate: sc-111887

BACKGROUND

Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. HSPC038, also known as ZNF706 (zinc finger-protein 706), PNAS-106 or PNAS-113, is a 76 amino acid protein that contains one C₂H₂-type zinc finger and is encoded by a gene which maps to chromosome 8q22.3. Consisting of nearly 146 million base pairs, chromosome 8 encodes over 800 genes and is associated with a variety of diseases and malignancies. Schizophrenia, bipolar disorder, Trisomy 8, Pfeiffer syndrome, congenital hypothyroidism, Waardenburg syndrome and some leukemias and lymphomas are thought to occur as a result of defects in specific genes that maps to chromosome 8.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: ZNF706 (human) mapping to 8q22.3.

PRODUCT

HSPC038 (h): 293 Lysate represents a lysate of human HSPC038 transfected 293 cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

RESEARCH USE

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

APPLICATIONS

HSPC038 (h): 293 Lysate is suitable as a Western Blotting positive control for human reactive HSPC038 antibodies. Recommended use: 10-20 µl per lane.

Control 293 Lysate: sc-110760 is available as a Western Blotting negative control lysate derived from non-transfected 293 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.