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Produktinformation

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- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

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- Mindermengenzuschlag
- Trockeneiszuschlag
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SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic

SANTA CRUZ BIOTECHNOLOGY, INC.

DGS8 (h3): 293T Lysate: sc-128462

SANTA CRUZ BIOTECHNOLOGY

The Power to Question

BACKGROUND

DGS8, also designated DiGeorge syndrome critical region 8 protein, plays a role in the etiology of the velocardiofacial/DiGeorge syndrome (VCFS/DGS). It is a ubiquitously expressed protein encoded by the gene DGCR8, which is deleted in DiGeorge syndrome. DiGeorge syndrome is characterized by structural and functional palate anomalies, conotruncal cardiac malformations, immunodeficiency, hypocalcemia, and typical facial anomalies. In mouse, DGS8 is detected primarily in embryonic brain, vessels, thymus and palate.

REFERENCES

1. Shiohama, A., Sasaki, T., Noda, S., Minoshima, S. and Shimizu, N. 2003. Molecular cloning and expression analysis of a novel gene DGCR8 located in the DiGeorge syndrome chromosomal region. Biochem. Biophys. Res. Commun. 304: 184-190.
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3. Han, J., Lee, Y., Yeom, K.H., Kim, Y.K., Jin, H. and Kim, V.N. 2004. The Drosha-DGCR8 complex in primary microRNA processing. Genes Dev. 18: 3016-3027.
4. Landthaler, M., Yalcin, A. and Tuschl, T. 2004. The human DiGeorge syndrome critical region gene 8 and its *D. melanogaster* homolog are required for miRNA biogenesis. Curr. Biol. 14: 2162-2167.
5. Goldmuntz, E. 2005. DiGeorge syndrome: new insights. Clin. Perinatol. 32: 963-978.
6. Gregory, R.I. and Shiekhattar, R. 2005. MicroRNA biogenesis and cancer. Cancer Res. 65: 3509-3512.
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CHROMOSOMAL LOCATION

Genetic locus: DGCR8 (human) mapping to 22q11.21.

PRODUCT

DGS8 (h3): 293T Lysate represents a lysate of human DGS8 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

DGS8 (h3): 293T Lysate is suitable as a Western Blotting positive control for human reactive DGS8 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.