



GRINL1A (h): 293T Lysate: sc-128737

BACKGROUND

GRINL1A (glutamate receptor-like protein 1A), also known as Gcom2 or Gdown, is a 148 amino acid protein belonging to the GRINL1 family. The gene encoding GRINL1A maps to human chromosome 15q21.3, and exists as two readthrough transcript variations. Alternative splicing events additionally result in six isoforms, designated Gdown1, Gdown6, isoform 3, Gdown4, Gdown3 and Gcom1-which exists as a naturally occurring fusion protein with GRINL1A. Isoform 1 localizes to the nucleus and is expressed in adult and fetal brain, as well as heart, kidney, skeletal muscle, small intestine, lung, prostate and testis. A component of the Pol II(G) complex, isoform 1 may also be involved in the Mediator complex-dependent regulation of transcription activation.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: POLR2M (human) mapping to 15q21.3.

RESEARCH USE

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

PRODUCT

GRINL1A (h): 293T Lysate represents a lysate of human GRINL1A transfected 293T cells and is provided as 100 μ g protein in 200 μ l SDS-PAGE buffer.

APPLICATIONS

GRINL1A (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive GRINL1A antibodies. Recommended use: 10-20 μ l 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.