



SCRN1 (h): 293T Lysate: sc-371664

BACKGROUND

The secretory process is a coordinated cellular response, initiated by surface receptors and comprising an ordered sequence of biochemical steps subject to multiple controls. Mast cells are secretory cells found on the mucosal and serosal surfaces of tissues throughout the body where they are involved in the allergic response. Mast cells secrete a variety of inflammatory mediators, including histamine, from granules that contain many lysosomal markers. SCR1 (secernin-1), also known as SES1, is a 414 amino acid cytosolic protein that is involved in the regulation of exocytosis in peritoneal mast cells. Belonging to the peptidase C69 family, SCR1 increases both the extent of secretion and increases the sensitivity of mast cells to stimulation with calcium. SCR1 is also considered a novel marker for gastric cancer.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: SCR1 (human) mapping to 7p14.3.

PRODUCT

SCR1 (h): 293T Lysate represents a lysate of human SCR1 transfected 293T cells and is provided as 100 μ g protein in 200 μ l SDS-PAGE buffer.

APPLICATIONS

SCR1 (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive SCR1 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.

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.