



GPR133 (h): 293T Lysate: sc-373105

BACKGROUND

G protein-coupled receptors (GPRs), also known as seven transmembrane receptors, heptahelical receptors or 7TM receptors, comprise a superfamily of proteins that play a role in many different stimulus-response pathways. G protein-coupled receptors translate extracellular signals into intracellular signals (G protein activation) and they respond to a variety of signaling molecules, such as hormones and neurotransmitters. GPR133 (G protein-coupled receptor 133), also known as PGR25, is an 874 amino acid multi-pass membrane protein that contains one GPS domain and belongs to the G protein-coupled receptor 2 family. Existing as multiple alternatively spliced isoforms, GPR133 functions as an orphan receptor that is thought to play a role in signaling events throughout the cell.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: GPR133 (human) mapping to 12q24.33.

PRODUCT

GPR133 (h): 293T Lysate represents a lysate of human GPR133 transfected 293T 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

GPR133 (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive GPR133 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.