



GPR177 (h): 293T Lysate: sc-112098

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. GPR177 (G protein-coupled receptor 177), also known as EVI, MRP, WLS or C1orf139, is a 541 amino acid multi-pass membrane protein that plays an essential role in Wnt-mediated cell-cell communication. The gene encoding GPR177 maps to human chromosome 1 and is expressed as multiple alternatively spliced isoforms.

REFERENCES

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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.

CHROMOSOMAL LOCATION

Genetic locus: WLS (human) mapping to 1p31.3.

PRODUCT

GPR177 (h): 293T Lysate represents a lysate of human GPR177 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

GPR177 (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive GPR177 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.

RESEARCH USE

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