

# SRD5A2L2 (601CT22.4.3): sc-517363

## BACKGROUND

SRD5A2L2 (steroid 5- $\alpha$ -reductase 2-like 2 protein), also known as TERL, GPSN2L or TECRL (*trans*-2,3-enoyl-CoA reductase-like), is a 363 amino acid multi-pass membrane protein belonging to the steroid 5- $\alpha$  reductase family. SRD5A2L2 is encoded by a gene which maps to a region on human chromosome 4 that encodes other casein family members. Chromosome 4 houses nearly 6% of the human genome and has the largest gene deserts (regions of the genome with no protein encoding genes) of all of the human chromosomes. Defects in some of the genes located on chromosome 4 are associated with Huntington's disease, Ellis-van Creveld syndrome, methylmalonic acidemia and polycystic kidney disease.

## REFERENCES

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## CHROMOSOMAL LOCATION

Genetic locus: TECRL (human) mapping to 4q13.1.

## SOURCE

SRD5A2L2 (601CT22.4.3) is a mouse monoclonal antibody raised against a synthetic peptide corresponding to amino acids 325-354 in the C-terminal region of SRD5A2L2 of human origin.

## PRODUCT

Each vial contains 50  $\mu$ l ascites containing IgG<sub>1</sub> with < 0.1% sodium azide.

## PROTOCOLS

See our web site at [www.scbt.com](http://www.scbt.com) for detailed protocols and support products.

## APPLICATIONS

SRD5A2L2 (601CT22.4.3) is recommended for detection of SRD5A2L2 of human origin by Western Blotting (starting dilution: to be determined by researcher, dilution range 1:100-1:5000).

Suitable for use as control antibody for SRD5A2L2 siRNA (h): sc-89196, SRD5A2L2 shRNA Plasmid (h): sc-89196-SH and SRD5A2L2 shRNA (h) Lentiviral Particles: sc-89196-V.

Molecular Weight of SRD5A2L2: 42 kDa.

## STORAGE

For immediate and continuous use, store at 4° C for up to one month. For sporadic use, freeze in working aliquots in order to avoid repeated freeze/thaw cycles. If turbidity is evident upon prolonged storage, clarify solution by centrifugation.

## RESEARCH USE

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