**TCP10L siRNA (h): sc-91398**

**BACKGROUND**

TCP10L (TCP10-like), also known as PRED77 or TCP10A-2 (T-complex protein 10A-2), is a 215 amino acid protein that contains a 25 amino acid leucine zipper motif and belongs to the TCP10 family. Localized to the nucleus and expressed specifically in testis and liver, TCP10L is thought to function as a transcriptional repressor that, through its leucine zipper domain, inhibits the expression of a variety of reporter genes. Additionally, TCP10L interacts with proteins such as Mad 4 and ZIP-kinase (also known as DAPK-3) and, through these interactions, may mediate both spermatogenesis and the level of differentiation in liver cells.

**REFERENCES**


**CHROMOSOMAL LOCATION**

Genetic locus: TCP10L (human) mapping to 21q22.11.

**PRODUCT**

TCP10L siRNA (h) is a pool of 2 target-specific 19-25 nt siRNAs designed to knock down gene expression. Each vial contains 3.3 nmol of lyophilized siRNA, sufficient for a 10 µM solution once resuspended using protocol below. Suitable for 50-100 transfections. Also see TCP10L shRNA Plasmid (h): sc-91398-SH and TCP10L shRNA (h) Lentiviral Particles: sc-91398-V as alternate gene silencing products.

For independent verification of TCP10L (h) gene silencing results, we also provide the individual siRNA duplex components. Each is available as 3.3 nmol of lyophilized siRNA. These include: sc-91398A and sc-91398B.

**PROTOCOLS**

See our web site at www.scbt.com for detailed protocols and support products.