



## Human Choroid Plexus Endothelial Cell (HCPEC) miRNA

Catalog number: 1307

### Product Information

Quantity: 1  $\mu$ g, 2  $\mu$ g, or 5  $\mu$ g  
Storage condition: Store at  $-80^{\circ}\text{C}$

### Product Description

In the past few years, small RNAs with 15-30 nucleotides in length have been shown biologically significant as ubiquitous, versatile repressors of gene expression. ScienCell Research Laboratories' small RNA is isolated from a wide variety of normal human cell types by Ambion's *mirVana*<sup>TM</sup> miRNA Isolation Kit, which employs an organic extraction followed by immobilization of RNA on glass-fiber filters to purify RNA enriched for small species. The small RNA products are delivered in DEPC-treated water.

### Quality Control

- The  $A_{260}/A_{280}$  ratio of the small RNA is measured to be  $\sim 2.0$  using Beckman Coulter DU 800 spectrophotometer (detected in 10 mM Tris-HCl, pH 7.5).
- The integrity of small RNA is checked by electrophoresis on 15% denaturing polyacrylamide gel. The 5.8S rRNA, 5S rRNA and tRNA species are efficiently recovered.

### Application

- RT-PCR
- Blot hybridization
- Solution hybridization assays
- RNA amplification and microarray analysis