

## Product datasheet for **SR317279**

### CNPY1 Human siRNA Oligo Duplex (Locus ID 285888)

#### Product data:

|                     |  |
|---------------------|--|
| Product Type:       | siRNA Oligo Duplexes   |
| Purity:             | HPLC purified  |
| Quality Control:    | Tested by ESI-MS   |
| Sequences:          | Available with shipment  |
| Stability:          | One year from date of shipment when stored at -20°C.   |
| # of transfections: | Approximately 330 transfections/2nmol in 24-well plate under optimized conditions (final conc. 10 nM).   |
| Note:               | Single siRNA duplex (10nmol) can be ordered.   |
| RefSeq:             | <a href="#">NM_001103176</a> , <a href="#">NM_001369814</a> , <a href="#">NR_163164</a> , <a href="#">NM_001369813</a> , <a href="#">NM_001369815</a> ,<br><a href="#">NM_001369816</a> , <a href="#">NM_001369820</a> , <a href="#">NR_163159</a> , <a href="#">NR_163161</a> , <a href="#">NR_163162</a> , <a href="#">NR_163165</a> ,<br><a href="#">NR_163167</a> , <a href="#">NM_001369818</a> , <a href="#">NM_001369821</a> , <a href="#">NR_163157</a> , <a href="#">NR_163158</a> , <a href="#">NR_163160</a> ,<br><a href="#">NR_163163</a> , <a href="#">NR_163166</a> |
| UniProt ID:         | <a href="#">Q3B7I2</a>   |
| Components:         | CNPY1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 285888)<br>Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol<br>Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml   |
| Summary:            | Cnpy1 is expressed in the midbrain-hindbrain (MHB) boundary in zebrafish, binds FGFR1 (MIM 136350), and plays a role in FGF signaling (Hirate and Okamoto, 2006 [PubMed 16488878]).[supplied by OMIM, Dec 2008]  |



[View online »](#)

**Performance  
Guaranteed:**

OriGene guarantees that at least two of the three Dicer-Substrate duplexes in the kit will provide at least 70% or more knockdown of the target mRNA when used at 10 nM concentration by quantitative RT-PCR when the TYE-563 fluorescent transfection control duplex (cat# SR30002) indicates that >90% of the cells have been transfected and the HPRT positive control (cat# SR30003) provides 90% knockdown efficiency.

For non-conforming siRNA, requests for replacement product must be made within ninety (90) days from the date of delivery of the siRNA kit. To arrange for a free replacement with newly designed duplexes, please contact Technical Services at [techsupport@origene.com](mailto:techsupport@origene.com). Please provide your data indicating the transfection efficiency and measurement of gene expression knockdown compared to the scrambled siRNA control (quantitative RT-PCR data required).