

Product datasheet for SR307348

OriGene Technologies, Inc.

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ARPP21 Human siRNA Oligo Duplex (Locus ID 10777)

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: <u>NM 001025068</u>, <u>NM 001025069</u>, <u>NM 001267616</u>, <u>NM 001267617</u>, <u>NM 001267618</u>,

NM 001267619, NM 016300, NM 198399

UniProt ID: Q9UBL0

Synonyms: ARPP-21; R3HDM3; RCS; TARPP

Components: ARPP21 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 10777)

Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol

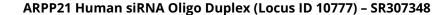
Included - SR30005, RNAse free siRNA Duplex Resuspension Buffer - 2 ml

Summary: This gene encodes a cAMP-regulated phosphoprotein. The encoded protein is enriched in the

caudate nucleus and cerebellar cortex. A similar protein in mouse may be involved in

regulating the effects of dopamine in the basal ganglia. Alternate splicing results in multiple

transcript variants. [provided by RefSeq, Jun 2012]





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. 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).