

Product datasheet for SR300033

OriGene Technologies, Inc.

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ACCN2 (ASIC1) Human siRNA Oligo Duplex (Locus ID 41)

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 001095, NM 001256830, NM 020039, NR 046389</u>

UniProt ID: P78348

Synonyms: ACCN2; ASIC; BNaC2

Components: ASIC1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 41)

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 member of the acid-sensing ion channel (ASIC) family of proteins, which

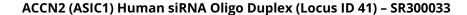
are part of the degenerin/epithelial sodium channel (DEG/ENaC) superfamily. Members of the

ASIC family are sensitive to amiloride and function in neurotransmission. The encoded proteins function in learning, pain transduction, touch sensation, and development of

memory and fear. Alternatively spliced transcript variants have been described. [provided by

RefSeq, Feb 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).