

Product datasheet for SR322726

OriGene Technologies, Inc.

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GPR56 (ADGRG1) Human siRNA Oligo Duplex (Locus ID 9289)

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: NM 001145770, NM 001145771, NM 001145772, NM 001145773, NM 001145774,

NM 001290142, NM 001290143, NM 001290144, NM 005682, NM 201524, NM 201525,

NM 001370428, NM 001370429, NM 001370430, NM 001370432, NM 001370433, NM 001370434, NM 001370436, NM 001370439, NM 001370440, NM 001370451, NM 001370431, NM 001370435, NM 001370437, NM 001370438, NM 001370441,

NM 001370442, NM 001370453, NM 001370454

UniProt ID: Q9Y653

Synonyms: BFPP; BPPR; GPR56; TM7LN4; TM7XN1

Components: ADGRG1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 9289)

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

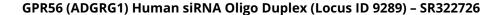
Included - SR30005, RNAse free siRNA Duplex Resuspension Buffer - 2 ml

Summary: This gene encodes a member of the G protein-coupled receptor family and regulates brain

cortical patterning. The encoded protein binds specifically to transglutaminase 2, a component of tissue and tumor stroma implicated as an inhibitor of tumor progression. Mutations in this gene are associated with a brain malformation known as bilateral frontoparietal polymicrogyria. Alternative splicing results in multiple transcript variants.

[provided by RefSeg, Feb 2014]







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).