

## **Product datasheet for SR305355**

## OriGene Technologies, Inc.

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## MAGP2 (MFAP5) Human siRNA Oligo Duplex (Locus ID 8076)

**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 001297709, NM 001297710, NM 001297711, NM 001297712, NM 003480, NR 123733,

NR 123734

UniProt ID: Q13361

Synonyms: AAT9; MAGP-2; MAGP2; MFAP-5; MP25

Components: MFAP5 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 8076)

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

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

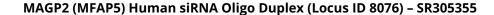
**Summary:** This gene encodes a 25-kD microfibril-associated glycoprotein which is a component of

microfibrils of the extracellular matrix. The encoded protein promotes attachment of cells to microfibrils via alpha-V-beta-3 integrin. Deficiency of this gene in mice results in neutropenia.

Alternate splicing results in multiple transcript variants encoding different isoforms.

[provided by RefSeq, Jul 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).