

## **Product datasheet for SR306470**

## OriGene Technologies, Inc.

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## SAPS2 (PPP6R2) Human siRNA Oligo Duplex (Locus ID 9701)

**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 001242898, NM 001242899, NM 001242900, NM 014678, NM 001351641,</u>

NM 001351642, NM 001351643, NM 001351644, NM 001351645, NM 001351646,

NM 001351647, NM 001351648, NM 001365836

UniProt ID: <u>075170</u>

Synonyms: KIAA0685; PP6R2; SAP190; SAPS2

Components: PPP6R2 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 9701)

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

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

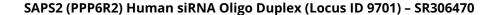
**Summary:** The protein encoded by this gene is a regulatory protein for the protein phosphatase-6

catalytic subunit. Together, these proteins act as a significant T-loop phosphatase for Aurora A, an essential mitotic kinase. Loss of function of either the regulatory or catalytic subunit of

protein phosphatase-6 interferes with spindle formation and chromosome alignment.

[provided by RefSeq, May 2017]







## 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).