

## **Product datasheet for SR307889**

## Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com

**OriGene Technologies, Inc.**9620 Medical Center Drive, Ste 200

https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

## POMZP3 Human siRNA Oligo Duplex (Locus ID 22932)

**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\_012230</u>, <u>NM\_152992</u>

UniProt ID: Q6PJE2

**Synonyms:** POM-ZP3

Components: POMZP3 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 22932)

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 appears to have resulted from a fusion of DNA sequences derived from 2 distinct

loci, specifically through the duplication of two internal exons from the POM121 gene and four 3' exons from the ZP3 gene. The 5' end of this gene is similar to the 5` coding region of the POM121

gene which encodes an integral nuclear pore membrane protein. However, the protein

encoded by this gene lacks the nuclear pore localization motif. The 3' end of this gene is similar to the last 4 exons of the zona pellucida glycoprotein 3 (ZP3) gene and the encoded protein retains one zona pellucida domain. Multiple protein isoforms are encoded by transcript

variants of this gene. [provided by RefSeq, Jul 2008]







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).