

Product datasheet for **SR309084**

PGAP2 Human siRNA Oligo Duplex (Locus ID 27315)

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_001145438 , NM_001145439 , NM_001256235 , NM_001256236 , NM_001256237 , NM_001256238 , NM_001256239 , NM_001256240 , NM_001283038 , NM_001283039 , NM_001283040 , NM_014489 , NR_027014 , NR_027015 , NR_027016 , NR_027017 , NR_027018 , NR_045923 , NR_045925 , NR_045926 , NR_045927 , NR_045929 , NR_104270 , NR_104271 , NR_104272 , NM_001346397 , NM_001346398 , NM_001346399 , NM_001346400 , NM_001346401 , NM_001346402 , NM_001346403 , NM_001346404 , NM_001346405 , NR_144427 , NR_144428 , NR_144429 , NR_144430
UniProt ID:	Q9UHJ9
Synonyms:	CWH43-N; FRAG1; HPMRS3; MRT17; MRT21
Components:	PGAP2 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 27315) 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 plays a role in the maturation of glycosylphosphatidylinositol (GPI) anchors on GPI-anchored proteins. Mutations in this gene are associated with an autosomal recessive syndrome characterized by hyperphosphatasia and intellectual disability. [provided by RefSeq, Jul 2017]



[View online »](#)

**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).