

Product datasheet for **SR315517**

GCOM1 Human siRNA Oligo Duplex (Locus ID 145781)

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_001018090 , NM_001018091 , NM_001018092 , NM_001018093 , NM_001018094 , NM_001018095 , NM_001018096 , NM_001018097 , NM_001018098 , NM_001018099 , NM_001018101 , NM_001285900 , NR_104367 , NR_104368 , NR_104369 , NR_104370 , NR_104371
UniProt ID:	POCAP1
Synonyms:	gcom; Gcom2; GRINL1A; MYZAP; MYZAP-POLR2M
Components:	GCOM1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 145781) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNAse free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	This locus represents naturally occurring readthrough transcription between the neighboring MYZAP (myocardial zonula adherens protein) and POLR2M (polymerase (RNA) II (DNA directed) polypeptide M) genes on chromosome 15. Alternative splicing results in multiple readthrough transcript variants. Readthrough variants may encode proteins that share sequence identity with the upstream gene product or with both the upstream and downstream gene products. Some readthrough transcript variants are also expected to be candidates for nonsense-mediated decay (NMD). [provided by RefSeq, Oct 2013]



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**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).