

Product datasheet for **SR315017**

DRAM2 Human siRNA Oligo Duplex (Locus ID 128338)

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_178454 , NM_001349881 , NM_001349882 , NM_001349884 , NM_001349885 , NM_001349886 , NM_001349887 , NM_001349888 , NM_001349889 , NM_001349890 , NM_001349891 , NM_001349892 , NM_001349893 , NR_146301 , NR_146302 , NR_146303 , NR_146304 , NR_146305 , NR_146306 , NR_146307 , NR_146308
UniProt ID:	Q6UX65
Synonyms:	CORD21; PRO180; TMEM77; WWFQ154
Components:	DRAM2 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 128338) 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 binds microtubule-associated protein 1 light chain 3 and is required for autophagy. Defects in this gene are a cause of retinal dystrophy. In addition, two microRNAs (microRNA 125b-1 and microRNA 144) can bind to the mRNA of this gene and produce the disease state. [provided by RefSeq, Mar 2017]



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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).