

Product datasheet for **SR320967**

CTAGE5 (MIA2) Human siRNA Oligo Duplex (Locus ID 4253)

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_001247988 , NM_001247989 , NM_001247990 , NM_005930 , NM_054024 , NM_203354 , NM_203355 , NM_203356 , NM_203357 , NM_001329214 , NM_001354137 , NM_001354138 , NM_001354139 , NM_001354140 , NM_001354141 , NM_001354142 , NM_001354143 , NM_001354144 , NM_001354145 , NM_001354146 , NM_001354147 , NM_001354148 , NM_001354149 , NM_001354150 , NM_001354151 , NM_001354152 , NM_001354153 , NM_001354154 , NM_001354155 , NM_001354156 , NM_001354157 , NR_148721 , NR_148722 , NR_148723
UniProt ID:	Q96PC5
Synonyms:	CTAGE5; MEA6; MGEA; MGEA6; MGEA11; TALI
Components:	MIA2 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 4253) 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 encodes s receptor in the endoplasmic reticulum, which plays a role in the export of large pre-chylomicrons and pre-very low density lipoproteins (pre-VLDLs). Three major classes of transcripts are generated from this gene- melanoma inhibitory activity 2-specific transcripts, cTAGE family member 5-specific transcripts and transcripts that include exons from both these transcript species (TANGO1-like or TALI). Additionally, alternative splicing in these transcripts results in multiple transcript variants encoding multiple isoforms. [provided by RefSeq, Sep 2016]



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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).