

Product datasheet for **SR306537**

KIAA0652 (ATG13) Human siRNA Oligo Duplex (Locus ID 9776)

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_001142673 , NM_001205119 , NM_001205120 , NM_001205121 , NM_001205122 , NM_014741 , NR_024587 , NR_024588 , NR_024589 , NM_001346311 , NM_001346312 , NM_001346313 , NM_001346314 , NM_001346315 , NM_001346316 , NM_001346317 , NM_001346318 , NM_001346319 , NM_001346320 , NM_001346321 , NM_001346322 , NM_001346323 , NM_001346324 , NM_001346325 , NM_001346326 , NM_001346327 , NM_001346328 , NM_001346329 , NM_001346330 , NM_001346331 , NM_001346332 , NM_001346333 , NM_001346334 , NM_001346335 , NM_001346336 , NM_001346337 , NM_001346338 , NM_001346340 , NM_001346342 , NM_001346344 , NM_001346346 , NM_001346348 , NM_001346349 , NM_001346350 , NM_001346351 , NM_001346352 , NM_001346353 , NM_001346354 , NM_001346355 , NM_001346356 , NM_001346357 , NM_001346358 , NM_001346359 , NM_001346360 , NR_144422 , NR_144423 , NR_144424
UniProt ID:	O75143
Synonyms:	KIAA0652; PARATARG8
Components:	ATG13 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 9776) 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 is an autophagy factor and a target of the TOR kinase signaling pathway. The encoded protein is essential for autophagosome formation and mitophagy. [provided by RefSeq, Oct 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).