

Product datasheet for **SR305328**

ST7 Human siRNA Oligo Duplex (Locus ID 7982)

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_018412 , NM_021908 , NM_001369599 , NM_001369601 , NM_001369602 , NM_001369604 , NM_001369606 , NR_161419 , NR_161421 , NR_161422 , NM_001369598 , NM_001369600 , NM_001369603 , NM_001369607 , NR_161418 , NR_161420 , NR_161423
UniProt ID:	Q9NRC1
Synonyms:	ETS7q; FAM4A; FAM4A1; HELG; RAY1; SEN4; TSG7
Components:	ST7 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 7982) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNAse free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	The gene for this product maps to a region on chromosome 7 identified as an autism-susceptibility locus. Mutation screening of the entire coding region in autistic individuals failed to identify phenotype-specific variants, suggesting that coding mutations for this gene are unlikely to be involved in the etiology of autism. The function of this gene product has not been determined. Transcript variants encoding different isoforms of this protein have been described. [provided by RefSeq, Jul 2008]



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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).