

## Product datasheet for **SR306474**

### ST18 Human siRNA Oligo Duplex (Locus ID 9705)

#### 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:	<a href="#">NM_014682</a> , <a href="#">NM_001352826</a> , <a href="#">NM_001352827</a> , <a href="#">NM_001352828</a> , <a href="#">NM_001352829</a> , <a href="#">NM_001352830</a> , <a href="#">NM_001352831</a> , <a href="#">NM_001352832</a> , <a href="#">NM_001352833</a> , <a href="#">NM_001352834</a> , <a href="#">NM_001352835</a> , <a href="#">NM_001352836</a> , <a href="#">NM_001352837</a> , <a href="#">NM_001352838</a> , <a href="#">NM_001352839</a> , <a href="#">NM_001352840</a> , <a href="#">NM_001352841</a> , <a href="#">NM_001352842</a> , <a href="#">NM_001352843</a> , <a href="#">NM_001352844</a> , <a href="#">NM_001352845</a> , <a href="#">NM_001352846</a> , <a href="#">NM_001352847</a> , <a href="#">NM_001352848</a> , <a href="#">NM_001352849</a> , <a href="#">NM_001352850</a> , <a href="#">NM_001352851</a> , <a href="#">NM_001352852</a> , <a href="#">NM_001352853</a> , <a href="#">NM_001352854</a> , <a href="#">NM_001352855</a> , <a href="#">NM_001352856</a> , <a href="#">NM_001352857</a> , <a href="#">NM_001352858</a> , <a href="#">NM_001352859</a> , <a href="#">NM_001352860</a> , <a href="#">NM_001352861</a> , <a href="#">NM_001352862</a> , <a href="#">NM_001352863</a> , <a href="#">NM_001352864</a> , <a href="#">NM_001352865</a> , <a href="#">NM_001352866</a> , <a href="#">NM_001352867</a> , <a href="#">NM_001352868</a> , <a href="#">NM_001352869</a> , <a href="#">NM_001352870</a> , <a href="#">NM_001352871</a> , <a href="#">NM_001352872</a> , <a href="#">NM_001352873</a> , <a href="#">NM_001352874</a> , <a href="#">NM_001352875</a> , <a href="#">NM_001352876</a> , <a href="#">NM_001352877</a> , <a href="#">NM_001352878</a> , <a href="#">NM_001352879</a> , <a href="#">NM_001352880</a> , <a href="#">NM_001352881</a> , <a href="#">NM_001352882</a> , <a href="#">NM_001352883</a> , <a href="#">NM_001352884</a> , <a href="#">NR_148195</a> , <a href="#">NR_148196</a>
UniProt ID:	<a href="#">O60284</a>
Synonyms:	NZF-3; NZF3; ZC2H2C3; ZC2HC10; ZNF387
Components:	ST18 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 9705) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Repressor that binds to DNA sequences containing a bipartite element consisting of a direct repeat of the sequence 5'-AAAGTTT-3' separated by 2-9 nucleotides. Represses basal transcription activity from target promoters (By similarity). Inhibits colony formation in cultured breast cancer cells.[UniProtKB/Swiss-Prot Function]



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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](mailto: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).