

Product datasheet for **SR319107**

TVP23A Human siRNA Oligo Duplex (Locus ID 780776)

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_001079512 , NM_001318873 , NR_134901 , NR_134902 , NR_134903 , NR_134904 , NR_134905 , NR_134906
UniProt ID:	A6NH52
Synonyms:	FAM18A; YDR084C
Components:	TVP23A (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 780776) 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 a membrane protein associated with the Golgi apparatus, which plays a crucial role in intracellular vesicular transport. The encoded protein is likely associated with the late (trans) Golgi compartments, which are involved in the delivery of secretory and membrane proteins to the endosome, lysosome or the plasma membrane. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 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).