

Product datasheet for **SR301980**

Gelsolin (GSN) Human siRNA Oligo Duplex (Locus ID 2934)

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_000177 , NM_001127662 , NM_001127663 , NM_001127664 , NM_001127665 , NM_001127666 , NM_001127667 , NM_001258029 , NM_001258030 , NM_198252 , NM_001353053 , NM_001353054 , NM_001353055 , NM_001353056 , NM_001353057 , NM_001353058 , NM_001353059 , NM_001353060 , NM_001353061 , NM_001353062 , NM_001353063 , NM_001353064 , NM_001353065 , NM_001353066 , NM_001353067 , NM_001353068 , NM_001353069 , NM_001353070 , NM_001353071 , NM_001353072 , NM_001353073 , NM_001353074 , NM_001353075 , NM_001353076 , NM_001353077 , NM_001353078
UniProt ID:	P06396
Synonyms:	ADF; AGEL
Components:	GSN (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 2934) 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 binds to the "plus" ends of actin monomers and filaments to prevent monomer exchange. The encoded calcium-regulated protein functions in both assembly and disassembly of actin filaments. Defects in this gene are a cause of familial amyloidosis Finnish type (FAF). Multiple transcript variants encoding several different isoforms have been found for this gene. [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).