

## Product datasheet for **SR301569**

### FGF1 Human siRNA Oligo Duplex (Locus ID 2246)

#### 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_000800</a> , <a href="#">NM_001144892</a> , <a href="#">NM_001144934</a> , <a href="#">NM_001144935</a> , <a href="#">NM_001257205</a> , <a href="#">NM_001257206</a> , <a href="#">NM_001257207</a> , <a href="#">NM_001257208</a> , <a href="#">NM_001257209</a> , <a href="#">NM_001257210</a> , <a href="#">NM_001257211</a> , <a href="#">NM_001257212</a> , <a href="#">NM_033136</a> , <a href="#">NM_033137</a> , <a href="#">NR_026695</a> , <a href="#">NR_026696</a> , <a href="#">NM_001354951</a> , <a href="#">NM_001354952</a> , <a href="#">NM_001354953</a> , <a href="#">NM_001354954</a> , <a href="#">NM_001354955</a> , <a href="#">NM_001354956</a> , <a href="#">NM_001354957</a> , <a href="#">NM_001354958</a> , <a href="#">NM_001354959</a> , <a href="#">NM_001354961</a> , <a href="#">NM_001354962</a> , <a href="#">NM_001354963</a> , <a href="#">NM_001354964</a>
UniProt ID:	<a href="#">P05230</a>
Synonyms:	AFGF; ECGF; ECGF-beta; ECGFA; ECGFB; FGF-1; FGF-alpha; FGFA; GLIO703; HBGF-1; HBGF1
Components:	FGF1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 2246) 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 a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein functions as a modifier of endothelial cell migration and proliferation, as well as an angiogenic factor. It acts as a mitogen for a variety of mesoderm- and neuroectoderm-derived cells in vitro, thus is thought to be involved in organogenesis. Multiple alternatively spliced variants encoding different isoforms have been described. [provided by RefSeq, Jan 2009]



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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).