

## Product datasheet for **SR321769**

### ST3GAL3 Human siRNA Oligo Duplex (Locus ID 6487)

#### 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_001270459</a> , <a href="#">NM_001270460</a> , <a href="#">NM_001270461</a> , <a href="#">NM_001270462</a> , <a href="#">NM_001270463</a> , <a href="#">NM_001270464</a> , <a href="#">NM_001270465</a> , <a href="#">NM_001270466</a> , <a href="#">NM_006279</a> , <a href="#">NM_174963</a> , <a href="#">NM_174964</a> , <a href="#">NM_174965</a> , <a href="#">NM_174966</a> , <a href="#">NM_174967</a> , <a href="#">NM_174968</a> , <a href="#">NM_174969</a> , <a href="#">NM_174970</a> , <a href="#">NM_174971</a> , <a href="#">NM_174972</a> , <a href="#">NR_073016</a> , <a href="#">NR_073017</a> , <a href="#">NR_073018</a> , <a href="#">NR_073019</a> , <a href="#">NR_073020</a> , <a href="#">NR_073021</a> , <a href="#">NR_073023</a> , <a href="#">NM_001350619</a> , <a href="#">NM_001350620</a> , <a href="#">NM_001350621</a> , <a href="#">NR_146867</a> , <a href="#">NM_001363573</a>
UniProt ID:	<a href="#">Q11203</a>
Synonyms:	DEE15; EIEE15; MRT12; SIAT6; ST3GALII; ST3Gal III; ST3GalIII; ST3N
Components:	ST3GAL3 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 6487) 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 type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The encoded protein is normally found in the Golgi apparatus but can be proteolytically processed to a soluble form. This protein is a member of glycosyltransferase family 29. Mutations in this gene have been associated with a form of autosomal recessive nonsyndromic cognitive disability as well as infantile epileptic encephalopathy. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq, Jul 2017]



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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).