

## Product datasheet for **SR312663**

### GLT28D1 (ALG13) Human siRNA Oligo Duplex (Locus ID 79868)

#### 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_001039210</a> , <a href="#">NM_001099922</a> , <a href="#">NM_001168385</a> , <a href="#">NM_001257230</a> , <a href="#">NM_001257231</a> , <a href="#">NM_001257234</a> , <a href="#">NM_001257235</a> , <a href="#">NM_001257237</a> , <a href="#">NM_001257239</a> , <a href="#">NM_001257240</a> , <a href="#">NM_001257241</a> , <a href="#">NM_001324290</a> , <a href="#">NM_001324291</a> , <a href="#">NM_001324292</a> , <a href="#">NM_001324293</a> , <a href="#">NM_001324294</a> , <a href="#">NM_018466</a> , <a href="#">NM_024810</a> , <a href="#">NR_033124</a> , <a href="#">NR_033125</a> , <a href="#">NR_033127</a> , <a href="#">NR_033128</a> , <a href="#">NR_033129</a> , <a href="#">NR_033131</a> , <a href="#">NR_033132</a> , <a href="#">NR_033134</a> , <a href="#">NR_136735</a> , <a href="#">NR_148693</a>
UniProt ID:	<a href="#">Q9NP73</a>
Synonyms:	CDG1S; CXorf45; DEE36; EIEE36; GLT28D1; MDS031; TDRD13; YGL047W
Components:	ALG13 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 79868) 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 subunit of a bipartite UDP-N-acetylglucosamine transferase. It heterodimerizes with asparagine-linked glycosylation 14 homolog to form a functional UDP-GlcNAc glycosyltransferase that catalyzes the second sugar addition of the highly conserved oligosaccharide precursor in endoplasmic reticulum N-linked glycosylation. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 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).