

## Product datasheet for **SR315055**

### **C22orf25 (TANGO2) Human siRNA Oligo Duplex (Locus ID 128989)**

#### **Product data:**

<b>Product Type:</b>	siRNA Oligo Duplexes
<b>Purity:</b>	HPLC purified
<b>Quality Control:</b>	Tested by ESI-MS
<b>Sequences:</b>	Available with shipment
<b>Stability:</b>	One year from date of shipment when stored at -20°C.
<b># of transfections:</b>	Approximately 330 transfections/2nmol in 24-well plate under optimized conditions (final conc. 10 nM).
<b>Note:</b>	Single siRNA duplex (10nmol) can be ordered.
<b>RefSeq:</b>	<a href="#">NM_001283106</a> , <a href="#">NM_001283116</a> , <a href="#">NM_001283129</a> , <a href="#">NM_001283148</a> , <a href="#">NM_001283154</a> , <a href="#">NM_001283179</a> , <a href="#">NM_001283186</a> , <a href="#">NM_001283199</a> , <a href="#">NM_001283215</a> , <a href="#">NM_001283235</a> , <a href="#">NM_001283248</a> , <a href="#">NM_001322141</a> , <a href="#">NM_001322142</a> , <a href="#">NM_001322143</a> , <a href="#">NM_001322144</a> , <a href="#">NM_001322145</a> , <a href="#">NM_001322146</a> , <a href="#">NM_001322147</a> , <a href="#">NM_001322148</a> , <a href="#">NM_001322149</a> , <a href="#">NM_001322150</a> , <a href="#">NM_001322153</a> , <a href="#">NM_001322155</a> , <a href="#">NM_001322160</a> , <a href="#">NM_001322163</a> , <a href="#">NM_001322166</a> , <a href="#">NM_001322167</a> , <a href="#">NM_001322169</a> , <a href="#">NM_001322171</a> , <a href="#">NM_001322172</a> , <a href="#">NM_001322173</a> , <a href="#">NM_001322174</a> , <a href="#">NM_001322175</a> , <a href="#">NM_152906</a> , <a href="#">NR_104274</a> , <a href="#">NR_104275</a> , <a href="#">NR_136206</a> , <a href="#">NR_136211</a> , <a href="#">NR_136212</a>
<b>UniProt ID:</b>	<a href="#">Q6ICL3</a>
<b>Synonyms:</b>	C22orf25; MECRCN
<b>Components:</b>	TANGO2 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 128989) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNAse free siRNA Duplex Resuspension Buffer - 2 ml
<b>Summary:</b>	This gene belongs to the transport and Golgi organization family, whose members are predicted to play roles in secretory protein loading in the endoplasmic reticulum. Depletion of this gene in Drosophila S2 cells causes fusion of the Golgi with the ER. In mouse tissue culture cells, this protein co-localizes with a mitochondrially targeted mCherry protein and displays very low levels of co-localization with Golgi and peroxisomes. Allelic variants of this gene are associated with rhabdomyolysis, metabolic crises with encephalopathy, and cardiac arrhythmia. [provided by RefSeq, Apr 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](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).