

## Product datasheet for **SR325481**

### ACBD5 Human siRNA Oligo Duplex (Locus ID 91452)

#### 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_001042473</a> , <a href="#">NM_001271512</a> , <a href="#">NM_001301251</a> , <a href="#">NM_001301252</a> , <a href="#">NM_001301253</a> , <a href="#">NM_001301254</a> , <a href="#">NM_145698</a> , <a href="#">NR_024150</a> , <a href="#">NR_073195</a> , <a href="#">NR_073196</a> , <a href="#">NR_073197</a> , <a href="#">NM_001352568</a> , <a href="#">NM_001352569</a> , <a href="#">NM_001352570</a> , <a href="#">NM_001352571</a> , <a href="#">NM_001352572</a> , <a href="#">NM_001352573</a> , <a href="#">NM_001352574</a> , <a href="#">NM_001352575</a> , <a href="#">NM_001352576</a> , <a href="#">NM_001352577</a> , <a href="#">NM_001352578</a> , <a href="#">NM_001352579</a> , <a href="#">NM_001352580</a> , <a href="#">NM_001352581</a> , <a href="#">NM_001352582</a> , <a href="#">NM_001352583</a> , <a href="#">NM_001352584</a> , <a href="#">NM_001352585</a> , <a href="#">NM_001352586</a> , <a href="#">NM_001352587</a> , <a href="#">NM_001352588</a>
UniProt ID:	<a href="#">Q5T8D3</a>
Synonyms:	RDLKD
Components:	ACBD5 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 91452) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	This gene encodes a member of the acyl-Coenzyme A binding protein family, known to function in the transport and distribution of long chain acyl-Coenzyme A in cells. This gene may play a role in the differentiation of megakaryocytes and formation of platelets. A related protein in yeast is involved in autophagy of peroxisomes. A mutation in this gene has been associated with autosomal dominant thrombocytopenia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]



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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).