

## Product datasheet for **SR319127**

### **ZBTB42 Human siRNA Oligo Duplex (Locus ID 100128927)**

#### **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:             | <u><a href="#">NM_001137601</a></u> , <u><a href="#">NM_001370342</a></u>  |
| UniProt ID:         | <u><a href="#">B2RXF5</a></u>  |
| Synonyms:           | LCCS6; ZNF925  |
| Components:         | ZBTB42 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 100128927)<br>Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol<br>Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml   |
| Summary:            | The protein encoded by this gene is a member of the C2H2 zinc finger protein family. This protein is predicted to have a pox virus and zinc finger (POZ) domain at the N-terminus and four zinc finger domains at the C-terminus. In human and mouse, the protein localizes to the nuclei of skeletal muscle cells. Knockdown of this gene in zebrafish results in abnormal skeletal muscle development and myofibrillar disorganization. A novel homozygous variant of the human gene has been associated with lethal congenital contracture syndrome, an autosomal recessive disorder that results in muscle wasting. [provided by RefSeq, Mar 2015] |



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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).