

## Product datasheet for **SR308532**

### FBXL2 Human siRNA Oligo Duplex (Locus ID 25827)

#### 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_001171713</a> , <a href="#">NM_012157</a> , <a href="#">NM_001349316</a> , <a href="#">NM_001349319</a> , <a href="#">NM_001349320</a> ,<br><a href="#">NM_001349321</a> , <a href="#">NM_001349322</a> , <a href="#">NM_001349323</a> , <a href="#">NM_001349324</a> , <a href="#">NM_001349325</a> ,<br><a href="#">NM_001349326</a> , <a href="#">NR_146121</a> , <a href="#">NR_146122</a> , <a href="#">NR_146123</a> , <a href="#">NR_146124</a> , <a href="#">NR_146125</a> , <a href="#">NR_146126</a> ,<br><a href="#">NR_146127</a> , <a href="#">NR_146128</a> , <a href="#">NR_146129</a> , <a href="#">NR_146130</a> , <a href="#">NR_146131</a> , <a href="#">NR_146132</a> , <a href="#">NR_146133</a> ,<br><a href="#">NR_146134</a> , <a href="#">NR_146135</a>                         |
| UniProt ID:         | <a href="#">Q9UKC9</a>  |
| Synonyms:           | FBL2; FBL3  |
| Components:         | FBXL2 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 25827)<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:            | This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbls class and, in addition to an F-box, contains 12 tandem leucine-rich repeats. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2010] |



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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).