

## Product datasheet for **SR306138**

### ITGB1BP1 Human siRNA Oligo Duplex (Locus ID 9270)

#### 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_001319066</a> , <a href="#">NM_001319067</a> , <a href="#">NM_001319068</a> , <a href="#">NM_001319069</a> , <a href="#">NM_001319070</a> , <a href="#">NM_004763</a> , <a href="#">NM_022334</a> , <a href="#">NR_134951</a> , <a href="#">NR_134952</a> , <a href="#">NR_134953</a> , <a href="#">NR_134954</a> , <a href="#">NR_134955</a> , <a href="#">NR_134956</a> , <a href="#">NR_134957</a> , <a href="#">NM_001369744</a> , <a href="#">NM_001369746</a> , <a href="#">NM_001369747</a> , <a href="#">NM_001369749</a> , <a href="#">NM_001369745</a> , <a href="#">NM_001369748</a> , <a href="#">NM_001369750</a>
UniProt ID:	<a href="#">O14713</a>
Synonyms:	ICAP-1A; ICAP-1alpha; ICAP-1B; ICAP1; ICAP1A; ICAP1B
Components:	ITGB1BP1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 9270) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	The cytoplasmic domains of integrins are essential for cell adhesion. The protein encoded by this gene binds to the beta1 integrin cytoplasmic domain. The interaction between this protein and beta1 integrin is highly specific. Two isoforms of this protein are derived from alternatively spliced transcripts. The shorter form of this protein does not interact with the beta1 integrin cytoplasmic domain. The longer form is a phosphoprotein and the extent of its phosphorylation is regulated by the cell-matrix interaction, suggesting an important role of this protein during integrin-dependent cell adhesion. Several transcript variants, some protein-coding and some non-protein coding, have been found for this gene. [provided by RefSeq, Jan 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).