

## Product datasheet for **SR314377**

### LARP4 Human siRNA Oligo Duplex (Locus ID 113251)

#### 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_001170803</a> , <a href="#">NM_001170804</a> , <a href="#">NM_001170808</a> , <a href="#">NM_001330415</a> , <a href="#">NM_052879</a> , <a href="#">NM_199188</a> , <a href="#">NM_199190</a> , <a href="#">NR_033200</a> , <a href="#">NM_001352304</a> , <a href="#">NM_001352305</a> , <a href="#">NM_001352306</a> , <a href="#">NM_001352307</a> , <a href="#">NM_001352308</a> , <a href="#">NM_001352309</a> , <a href="#">NM_001352310</a> , <a href="#">NM_001352311</a> , <a href="#">NM_001352312</a> , <a href="#">NM_001352313</a> , <a href="#">NM_001352314</a> , <a href="#">NM_001352315</a> , <a href="#">NM_001352316</a> , <a href="#">NM_001352317</a> , <a href="#">NM_001352318</a> , <a href="#">NM_001352319</a> , <a href="#">NM_001352320</a> , <a href="#">NM_001352321</a> , <a href="#">NM_001352322</a> , <a href="#">NM_001352323</a> , <a href="#">NM_001352324</a> , <a href="#">NM_001352325</a> , <a href="#">NM_001352326</a>
UniProt ID:	<a href="#">Q71RC2</a>
Synonyms:	PP13296
Components:	LARP4 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 113251) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	RNA binding protein that binds to the poly-A tract of mRNA molecules (PubMed:21098120). Associates with the 40S ribosomal subunit and with polysomes (PubMed:21098120). Plays a role in the regulation of mRNA translation (PubMed:21098120). Plays a role in the regulation of cell morphology and cytoskeletal organization (PubMed:21834987, PubMed:27615744). [UniProtKB/Swiss-Prot Function]



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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).