

Product datasheet for **SR318693**

CLLU1 Human siRNA Oligo Duplex (Locus ID 574028)

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:	NM_001025233 , NR_027931 , NR_027932 , NR_027933
Components:	CLLU1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 574028) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Expression of this gene has been shown to be upregulated in some individuals with chronic lymphocytic leukemia (CLL), and has been used for prognostic and diagnostic purposes. This gene was originally identified as a human-specific putative protein-coding gene due to the presence of a peptide (PAP00140670, HIIYSTFLSK) that could have supported translation at this locus. This peptide is not present in more recent builds of PeptideAtlas, and the presence of a protein product at this locus has not been independently verified. For this reason, this gene is being represented as non-coding. Sequence comparisons to other primates indicates that no other primate is predicted to contain an open reading frame. [provided by RefSeq, Feb 2017]



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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. 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).