

Product datasheet for **SR324601**

BRUNOL4 (CELF4) Human siRNA Oligo Duplex (Locus ID 56853)

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_001025087 , NM_001025088 , NM_001025089 , NM_020180 , NM_001330603 , NM_001353695 , NM_001353696 , NM_001353697 , NM_001353698 , NM_001353699 , NM_001353700 , NM_001353701 , NM_001353702 , NM_001353703 , NM_001353705 , NM_001353706 , NM_001353707 , NM_001353708 , NM_001353709 , NM_001353710 , NM_001353711 , NM_001353712 , NM_001353713 , NM_001353714 , NM_001353715 , NM_001353716 , NM_001353717 , NM_001353718 , NM_001353719 , NM_001353720 , NM_001353721 , NM_001353722 , NM_001353723 , NM_001353724 , NM_001353725 , NM_001353726 , NM_001353727 , NM_001353728 , NM_001353729 , NM_001353730 , NM_001353731 , NM_001353732 , NM_001353733 , NM_001353734 , NM_001353735 , NM_001353736 , NM_001353737 , NM_001353738 , NM_001353739 , NM_001353740 , NM_001353741 , NM_001353742 , NM_001353743 , NM_001353744 , NM_001353745 , NM_001353746 , NM_001353747 , NM_001353748 , NM_001353749 , NM_001353750 , NM_001353751 , NM_001353752 , NM_001353753 , NM_001353754 , NM_001353755 , NM_001353756 , NM_001353757 , NM_001353758 , NM_001353759 , NM_001353760 , NM_001353761 , NR_148518 , NR_148519 , NR_148520 , NR_148521 , NR_148522 , NR_148523 , NR_148524 , NR_148525 , NR_148526 , NR_148527 , NR_148528
UniProt ID:	Q9BZC1
Synonyms:	BRUNOL4; CELF-4
Components:	CELF4 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 56853) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml



[View online »](#)

Summary: Members of the CELF/BRUNOL protein family contain two N-terminal RNA recognition motif (RRM) domains, one C-terminal RRM domain, and a divergent segment of 160-230 aa between the second and third RRM domains. Members of this protein family regulate pre-mRNA alternative splicing and may also be involved in mRNA editing, and translation. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

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).