

## Product datasheet for **SR300806**

### Chimaerin 2 (CHN2) Human siRNA Oligo Duplex (Locus ID 1124)

#### 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_001039936</a> , <a href="#">NM_001293069</a> , <a href="#">NM_001293070</a> , <a href="#">NM_001293071</a> , <a href="#">NM_001293072</a> , <a href="#">NM_001293073</a> , <a href="#">NM_001293075</a> , <a href="#">NM_001293076</a> , <a href="#">NM_001293077</a> , <a href="#">NM_001293078</a> , <a href="#">NM_001293079</a> , <a href="#">NM_001293080</a> , <a href="#">NM_001293081</a> , <a href="#">NM_004067</a> , <a href="#">NR_120524</a> , <a href="#">NR_120525</a>
UniProt ID:	<a href="#">P52757</a>
Synonyms:	ARHGAP3; BCH; CHN2-3; RHOGAP3
Components:	CHN2 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 1124) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNAse free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	This gene encodes a guanosine triphosphate (GTP)-metabolizing protein that contains a phorbol-ester/diacylglycerol (DAG)-type zinc finger, a Rho-GAP domain, and an SH2 domain. The encoded protein translocates from the cytosol to the Golgi apparatus membrane upon binding by diacylglycerol (DAG). Activity of this protein is important in cell proliferation and migration, and expression changes in this gene have been detected in cancers. A mutation in this gene has also been associated with schizophrenia in men. Alternative transcript splicing and the use of alternative promoters results in multiple transcript variants. [provided by RefSeq, May 2014]



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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).