

Product datasheet for **SR418938**

Zfp568 Mouse siRNA Oligo Duplex (Locus ID 243905)

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_001033355 , NM_001167872 , NM_001167873
UniProt ID:	E9PYI1
Synonyms:	C80731; chato; Gm1691; Znf568
Components:	Zfp568 (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 243905) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Has transcriptional repression activity, partially through the recruitment of the corepressor TRIM28 but has also repression activity independently of this interaction (PubMed:22110054, PubMed:27658112). Essential during embryonic development, where it acts as direct repressor of IGF2-P0, placental-specific transcript of IGF2, in early development and regulates convergent extension movements required for axis elongation and tissue morphogenesis in all germ layers (PubMed:18701545, PubMed:22110054, PubMed:28522536). Also important for normal morphogenesis of extraembryonic tissues including the yolk sac, extraembryonic mesoderm and placenta (PubMed:18701545, PubMed:21094155). May enhance proliferation or maintenance of neural stem cells (PubMed:23071813).[UniProtKB/Swiss-Prot Function]



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).