

Product datasheet for **SR422678**

Ttl5 Mouse siRNA Oligo Duplex (Locus ID 320244)

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_001081423 , NM_001347395 , NM_177114 , NM_001364624 , NM_001364625 , NM_001364626 , NM_001364627 , NM_001364628 , NM_001364630
UniProt ID:	Q8CHB8
Synonyms:	1700048H13Rik; 2310009M18Rik; 4930556H18Rik; AI428864; D630041K24Rik; mKIAA0998; R75373
Components:	Ttl5 (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 320244) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNAse free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Polyglutamylase which preferentially modifies alpha-tubulin. Involved in the side-chain initiation step of the polyglutamylation reaction rather than in the elongation step. Required for CCSAP localization to both spindle and cilia microtubules. Increases the effects of NCOA2 in glucocorticoid receptor-mediated repression and induction and in androgen receptor-mediated induction.[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. 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).