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Product datasheet for SR406350

Ebp Mouse siRNA Oligo Duplex (Locus ID 13595)

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_007898
UniProt ID:	P70245
Synonyms:	AI255399; m; mSI; P; Pabp; SI; Td
Components:	Ebp (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 13595) 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 transmembrane protein that localizes to the endoplasmic reticulum. This protein catalyses the conversion of delta8 to delta7 sterols, an important step in sterol biosynthesis. Mutations in this gene are responsible for the mouse tattered mutant phenotype. Tattered males are embryonic lethal, while heterozygous females have developmental defects. Deficiency of the related gene in human causes X-linked dominant chondrodysplasia punctata. [provided by RefSeq, May 2015]

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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).