

Product datasheet for **SR307150**

Deformed Epidermal Autoregulatory Factor 1 (DEAF1) Human siRNA Oligo Duplex (Locus ID 10522)

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_001293634 , NM_021008 , NM_001367390
UniProt ID:	O75398
Synonyms:	MRD24; NEDHEL5; NUDR; SPN; VSVS; ZMYND5
Components:	DEAF1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 10522) 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 zinc finger domain-containing protein that functions as a regulator of transcription. The encoded proteins binds to its own promoter as well as to that of several target genes. Activity of this protein is important in the regulation of embryonic development. Mutations in this gene have been found in individuals with autosomal dominant cognitive disability. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2014]



[View online »](#)

**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).