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Product datasheet for SR318333

PAIP2B Human siRNA Oligo Duplex (Locus ID 400961)

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_020459
UniProt ID:	Q9ULR5
Components:	PAIP2B (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 400961) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNAse free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Most mRNAs, except for histones, contain a 3-prime poly(A) tail. Poly(A)-binding protein (PABP; see MIM 604679) enhances translation by circularizing mRNA through its interaction with the translation initiation factor EIF4G1 (MIM 600495) and the poly(A) tail. Various PABP-binding proteins regulate PABP activity, including PAIP1 (MIM 605184), a translational stimulator, and PAIP2A (MIM 605604) and PAIP2B, translational inhibitors (Derry et al., 2006 [PubMed 17381337]).[supplied by OMIM, Mar 2008]

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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).