

## Product datasheet for **SR507785**

### Adnp Rat siRNA Oligo Duplex (Locus ID 64622)

#### 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:	<a href="#">NM_001347532</a> , <a href="#">NM_022681</a>
Components:	Adnp (Rat) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 64622) 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 member of a protein family characterized by nine zinc finger motifs followed by a homeobox domain. In vitro studies demonstrate that the encoded protein interacts with the brahma-related gene1-associated or hBRM factors (BAF) gene expression regulating complex, components of the protein translation machinery, and microtubule-associated proteins. This gene has been implicated in neuroprotection through various processes that include chromatin remodeling, splicing, cytoskeletal reorganization, and autophagy. Homozygous mutant knockout mice display embryonic lethality with defects in neural tube closure. [provided by RefSeq, Nov 2016]



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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](mailto: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).