

Product datasheet for **SR310328**

PXK Human siRNA Oligo Duplex (Locus ID 54899)

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_001289095 , NM_001289096 , NM_001289098 , NM_001289099 , NM_001289100 , NM_001289101 , NM_017771 , NM_001349488 , NM_001349489 , NM_001349490 , NM_001349491 , NM_001349492 , NM_001349493 , NM_001349494 , NM_001349495 , NM_001349496 , NM_001349497 , NM_001349498 , NM_001349499 , NM_001349500 , NM_001349501 , NM_001349502 , NM_001349503 , NM_001349504 , NM_001349506 , NM_001349507 , NM_001349508 , NM_001349509 , NM_001349510 , NM_001349511 , NM_001349512 , NM_001349513 , NM_001349514 , NM_001349515 , NM_001349516 , NM_001349517 , NM_001349518 , NM_001349519 , NM_001349520 , NM_001349521 , NM_001349522 , NM_001349524 , NM_001349525 , NM_001349526 , NM_001349527 , NM_001349528 , NM_001349529 , NM_001349530 , NM_001349531 , NM_001349532 , NM_001349533 , NM_001349534 , NM_001349535 , NM_001349536 , NM_001349537 , NM_001349538 , NM_001349539 , NM_001349540 , NR_146193 , NR_146194
UniProt ID:	Q7Z7A4
Synonyms:	MONAKA; SLOB
Components:	PXK (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 54899) 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 phox (PX) domain-containing protein which may be involved in synaptic transmission and the ligand-induced internalization and degradation of epidermal growth factors. Variations in this gene may be associated with susceptibility to systemic lupus erythematosus (SLE). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]



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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).