

Product datasheet for **SR311341**

CPA6 Human siRNA Oligo Duplex (Locus ID 57094)

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_001127445 , NM_020361
UniProt ID:	Q8N4T0
Synonyms:	carboxypeptidase A6; carboxypeptidase B; CPAH
Components:	CPA6 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 57094) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	The gene encodes a member of the peptidase M14 family of metalloproteinases. The encoded preproprotein is proteolytically processed to generate the mature enzyme, which catalyzes the release of large hydrophobic C-terminal amino acids. This enzyme has functions ranging from digestion of food to selective biosynthesis of neuroendocrine peptides. Mutations in this gene may be linked to epilepsy and febrile seizures, and a translocation t(6;8)(q26;q13) involving this gene has been associated with Duane retraction syndrome. [provided by RefSeq, May 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. 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).