

Product datasheet for **SR404625**

Crh Mouse siRNA Oligo Duplex (Locus ID 12918)

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_205769
UniProt ID:	Q8CIT0
Synonyms:	CR; CRF; Gm1347
Components:	Crh (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 12918) 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 the corticotropin-releasing factor family and preproprotein that is proteolytically processed to generate a mature protein product. This protein product is a neuropeptide hormone that binds to the corticotropin releasing hormone receptors (CRHR1 and CRHR2) to stimulate the release of adrenocorticotrophic hormone from the pituitary gland in response to stress. The encoded protein may also regulate angiogenesis and inflammation. Homozygous knockout mice for this gene exhibit reduced corticosterone levels while the offspring of these mice die perinatally. [provided by RefSeq, Aug 2015]



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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).