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Zuschläge

- Mindermengenzuschlag
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SLC6A2 Pre-design Chimera RNAi

Catalog # : H00006530-R01

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens solute carrier family 6 (neurotransmitter transporter, noradrenalin), member 2 (SLC6A2), mRNA.

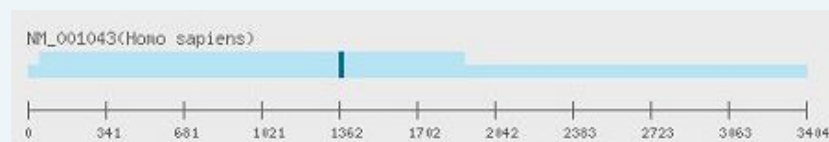
Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_001043

Storage Instruction: Store at -20°C, do not exceed 4 - 5 freeze-thaw cycles to ensure product integrity.

Note: Position of the Chimera RNAi.



Application Image

RNAi Knockdown

Publication Reference

- [dsCheck: highly sensitive off-target search software for double-stranded RNA-mediated RNA interference.](#)
Naito Y, Yamada T, Matsumiya T, Ui-Tei K, Saigo K, Morishita S. *Nucleic Acids Res.* 2005 Jul 1;33(Web Server issue):W589-91.
- [Functional dissection of siRNA sequence by systematic DNA substitution: modified siRNA with a DNA seed arm is a powerful tool for mammalian gene silencing with significantly reduced off-target effect.](#)
Ui-Tei K, Naito Y, Zenno S, Nishi K, Yamato K, Takahashi F, Juni A, Saigo K. *Nucleic Acids Res.* 2008 Apr;36(7):2136-51. Epub 2008 Feb 11.
- [Guidelines for the selection of highly effective siRNA sequences for mammalian and chick RNA interference.](#)
Ui-Tei K, Naito Y, Takahashi F, Haraguchi T, Ohki-Hamazaki H, Juni A, Ueda R, Saigo K. *Nucleic Acids Res.* 2004 Feb 9;32(3):936-48. Print 2004.
- [siDirect: highly effective, target-specific siRNA design software for mammalian RNA interference.](#)
Naito Y, Yamada T, Ui-Tei K, Morishita S, Saigo K. *Nucleic Acids Res.* 2004 Jul 1;32(Web Server issue):W124-9.

Applications

RNAi Knockdown

Gene Information

Entrez GeneID: [6530](#)

Gene Name: SLC6A2

Gene Alias: NAT1,NET,NET1,SLC6A5

Gene Description: solute carrier family 6 (neurotransmitter transporter, noradrenalin), member 2

Omim ID: [163970](#), [604715](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The SLC6A2 gene encodes a norepinephrine (noradrenaline) transporter, which is responsible for reuptake of norepinephrine into presynaptic nerve terminals and is a regulator of norepinephrine homeostasis (Kim et al., 2006 [PubMed 17146058]).[supplied by OMIM]

Other Designations: noradrenaline transporter, norepinephrine transporter, solute carrier family 6 (neurotransmitter transporter, norepinephrine), member 5, solute carrier family 6 member 2

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