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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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DRD5 Pre-design Chimera RNAi

Catalog # : H00001816-R02 **規格 :** [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens dopamine receptor D5 (DRD5), mRNA.

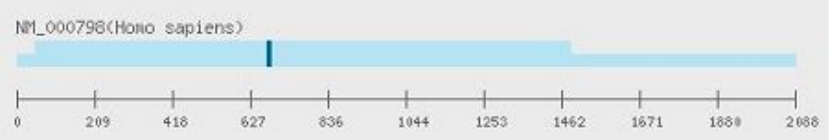
Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_000798

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

Note: Position of the Chimera RNAi.



Publication Reference

1. 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.
2. 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.
3. 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.
4. 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: 1816

Gene Name: DRD5

Gene Alias: DBDR,DRD1B,DRD1L2,MGC10601

Application Image

RNAi Knockdown

Gene Description:	dopamine receptor D5
Omim ID:	126453, 143465, 606798
Gene Ontology:	Hyperlink
Gene Summary:	This gene encodes the D5 subtype of the dopamine receptor. The D5 subtype is a G-protein coupled receptor which stimulates adenylyl cyclase. This receptor is expressed in neurons in the limbic regions of the brain. It has a 10-fold higher affinity for dopamine than the D1 subtype. Pseudogenes related to this gene reside on chromosomes 1 and 2. [provided by RefSeq
Other Designations:	D1beta dopamine receptor,dopamine receptor D1B

Gene Pathway

Calcium signaling pathway Neuroactive ligand-receptor interaction

Related Disease

Alzheimer Disease Amnesia Anorexia Nervosa Antisocial Personality Disorder Attention Attention Deficit and Disruptive Behavior Disorders
Attention Deficit Disorder with Hyperactivity Autistic Disorder Birth Weight Blepharospasm Bulimia Cognition Cognition Disorders Conduct Disorder Cues Disease Models, Animal Disease Progression Dystonia Dystonic Disorders

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