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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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OCRL Pre-design Chimera RNAi

Catalog # : H00004952-R02

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens oculocerebrorenal syndrome of Lowe (OCRL), transcript variant b, mRNA.

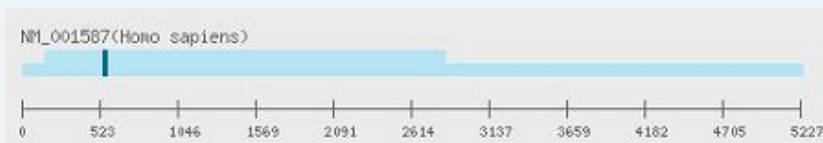
Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_001587

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

Note: Position of the Chimera RNAi.
The related RNAi products listed below were designed from different accession number but sharing the same RNAi sequence.



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: [4952](#)

Gene Name: OCRL

Gene Alias: INPP5F,LOCR,NPHL2,OCRL1

Gene Description: oculocerebrorenal syndrome of Lowe

Omim ID: [300009](#), [300535](#), [309000](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a phosphatase enzyme that is involved in actin polymerization and is found in the trans-Golgi network. Mutations in this gene cause oculocerebrorenal syndrome of Lowe and also Dent disease. [provided by RefSeq]

Other Designations: Lowe oculocerebrorenal syndrome protein,OTTHUMP00000024304,phosphatidylinositol polyphosphate 5-phosphatase

Gene Pathway

[Inositol phosphate metabolism](#) [Metabolic pathways](#) [Phosphatidylinositol signaling system](#)

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