



# SZABO SCANDIC

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## Produktinformation



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### Zuschläge

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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## OCRL Validated Chimera RNAi

Catalog # : H00004952-R01V

規格 : [ 10 nmol ] [ 20 nmol ]

[List All](#)

### Specification

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

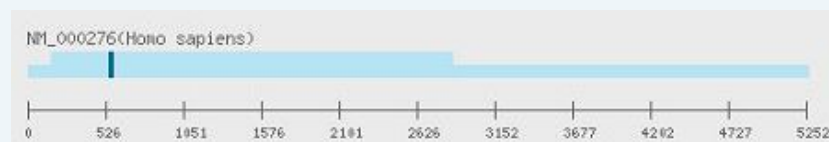
**Reactivity:** Human

**Supplied Product:** DEPC water

**Target Refseq:** NM\_000276

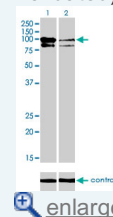
**Storage Instruction:** Store at -20°C, do not exceed 4 - 5 freeze-thaw cycles to ensure product integrity.

**Note:** Position of the Chimera RNAi.



### Application Image

RNAi Knockdown (Antibody validated)

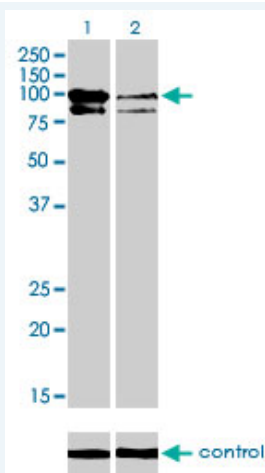


### Publication Reference


- [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 (Antibody validated)**



Western blot analysis of OCRL over-expressed 293 cell line, cotransfected with OCRL Validated Chimera RNAi ( Cat # H00004952-R01V ) (Lane 2) or non-transfected control (Lane 1). Blot probed with OCRL monoclonal antibody (M02), clone 4A6 (Cat # H00004952-M02 ). GAPDH ( 36.1 kDa ) used as specificity and loading control.

 [Protocol Download](#)

## 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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