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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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FLG Pre-design Chimera RNAi

Catalog # : H00002312-R01

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Homo sapiens filaggrin (FLG), mRNA.

Description:

Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_002016

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: [2312](#)

Gene Name: FLG

Gene Alias: ATOD2

Gene filaggrin

Description:

Omim ID: [135940](#), [146700](#), [603165](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Profilaggrin is a major protein component of the keratohyalin granules of mammalian epidermis. It is initially expressed as a large polyprotein precursor which is subsequently proteolytically processed into individual functional filaggrin molecules. The filaggrins show wide species variations and their aberrant expression has been implicated in a number of keratinizing disorders (Baden et al., 1974 [PubMed 4132224]; Holbrook et al., 1982 [PubMed 6174530]; Sybert et al., 1985 [PubMed 2579164]).[supplied by OMIM

Other Designations: OTTHUMP00000014057,epidermal filaggrin

Related Disease

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