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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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FOXE1 Pre-design Chimera RNAi

Catalog # : H00002304-R01

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens forkhead box E1 (thyroid transcription factor 2) (FOXE1), mRNA.

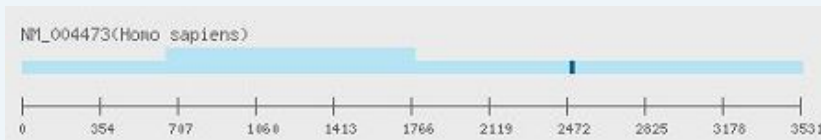
Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_004473

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: [2304](#)

Gene Name: FOXE1

Gene Alias: FKHL15, FOXE2, HFKH4, HFKL5, TITF2, TTF-2, TTF2

Gene forkhead box E1 (thyroid transcription factor 2)

Description:

Omim ID: [241850](#), [602617](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This intronless gene belongs to the forkhead family of transcription factors, which is characterized by a distinct forkhead domain. This gene functions as a thyroid transcription factor which likely plays a crucial role in thyroid morphogenesis. Mutations in this gene are associated with congenital hypothyroidism and cleft palate with thyroid dysgenesis. The map localization of this gene suggests it may also be a candidate gene for squamous cell epithelioma and hereditary sensory neuropathy type I. [provided by RefSeq]

Other Designations: OTTHUMP00000021756, forkhead box E1, forkhead box E2, forkhead, drosophila, homolog-like 15, forkhead-like 15, thyroid transcription factor-2

Related Disease

[Abnormalities](#), [Multiple Carcinoma](#), [Papillary Carcinoma](#), [Squamous Cell Choristoma](#), [Cleft Lip](#), [Cleft Palate](#), [Congenital Abnormalities](#), [Congenital Hypothyroidism](#), [Genetic Predisposition to Disease](#), [Hypothyroidism](#), [Neoplasms](#), [Radiation-Induced](#), [Skin Neoplasms](#), [Syndrome](#), [Thyroid Dysgenesis](#), [Thyroid Neoplasms](#), [Tooth Abnormalities](#)

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