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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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FOXO1A Pre-design Chimera RNAi

Catalog # : H00002308-R01

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens forkhead box O1A (rhabdomyosarcoma) (FOXO1A), mRNA.

Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_002015

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: [2308](#)

Gene Name: FOXO1

Gene Alias: FKH1,FKHR,FOXO1A

Gene forkhead box O1

Description:

Omim ID: [136533](#), [268220](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Translocation of this gene with PAX3 has been associated with alveolar rhabdomyosarcoma. [provided by RefSeq]

Other Designations: OTTHUMP00000018301, forkhead box O1A (rhabdomyosarcoma), forkhead homolog in rhabdomyosarcoma, forkhead, Drosophila, homolog of, in rhabdomyosarcoma

Gene Pathway

[Insulin signaling pathway](#) [Pathways in cancer](#) [Prostate cancer](#)

Related Disease

[Atherosclerosis](#) [Attention Deficit Disorder with Hyperactivity](#) [Autistic Disorder](#) [Calcinosis](#) [Coronary Artery Disease](#) [Diabetes Mellitus](#) [Diabetes Mellitus, Type 2](#) [Genetic Predisposition to Disease](#) [Glucose Intolerance](#) [Head and Neck Neoplasms](#) [NARP](#) [Neoplasm Recurrence, Local](#) [Neoplasms](#) [Second Primary](#) [Obesity](#) [Obesity](#)