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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
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- Expressversand

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GSK3B Pre-design Chimera RNAi

Catalog # : H00002932-R02

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens glycogen synthase kinase 3 beta (GSK3B), mRNA.

Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_002093

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: [2932](#)

Gene Name: GSK3B

Gene Alias: -

Gene glycogen synthase kinase 3 beta

Description:

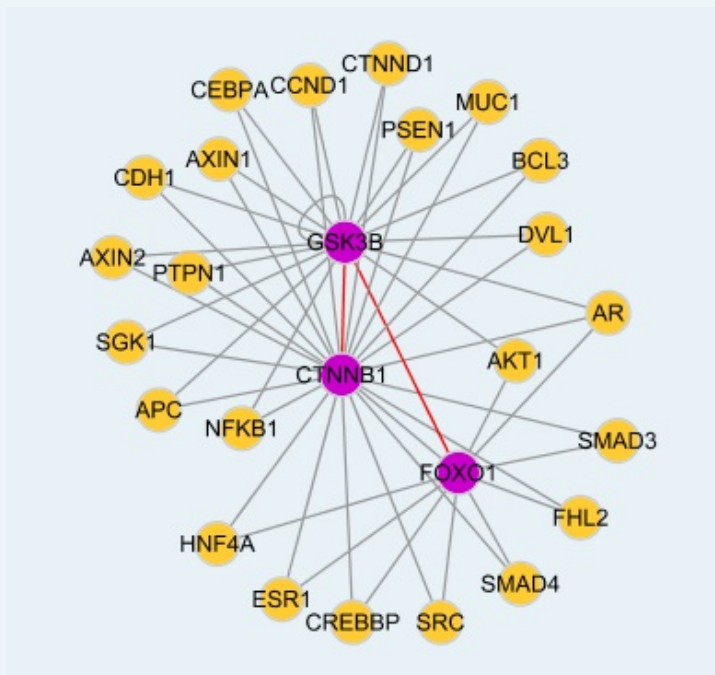
Omim ID: [605004](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a serine-threonine kinase, belonging to the glycogen synthase kinase subfamily. It is involved in energy metabolism, neuronal cell development, and body pattern formation. Polymorphisms in this gene have been implicated in modifying risk of Parkinson disease, and studies in mice show that overexpression of this gene may be relevant to the pathogenesis of Alzheimer disease. Alternatively spliced transcript variants encoding different isoforms have been found for this gene

Other Designations: GSK3beta isoform, glycogen synthase kinase-3 beta

Interactome



Gene Pathway

[Alzheimer's disease](#) [Axon guidance](#) [B cell receptor signaling pathway](#) [Basal cell carcinoma](#) [Cell cycle](#) [Chemokine signaling pathway](#) [Colorectal cancer](#) [Endometrial cancer](#) [ErbB signaling pathway](#) [Focal adhesion](#) [Hedgehog signaling pathway](#) [Insulin signaling pathway](#) [Melanogenesis](#) [Neurotrophin signaling pathway](#) [Pathways in cancer](#) [Prostate cancer](#) [T cell receptor signaling pathway](#) [Wnt signaling pathway](#)

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