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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CSNK1E Pre-design Chimera RNAi

Catalog # : H00001454-R03

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens casein kinase 1, epsilon (CSNK1E), transcript variant 2, mRNA.

Reactivity: Human

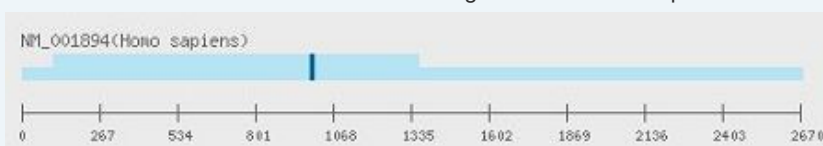
Supplied Product: DEPC water

Target Refseq: NM_001894

Target Region: Coding sequence

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

Note: Position of the Chimera RNAi.
The related RNAi products listed below were designed from different accession number but sharing the same RNAi sequence.



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: [1454](#)

Gene Name: CSNK1E

Gene Alias: HCKIE,MGC10398

Gene Description: casein kinase 1, epsilon

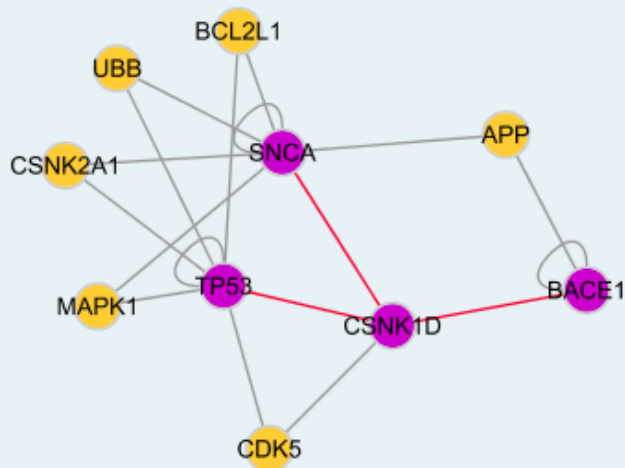
Omim ID: [600863](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a serine/threonine protein kinase and a member of the casein kinase I protein family, whose members have been implicated in the control of cytoplasmic and nuclear processes, including DNA replication and repair. The encoded protein is found in the cytoplasm as a monomer and can phosphorylate a variety of proteins, including itself. This protein has been shown to phosphorylate period, a circadian rhythm protein. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other Designations: CKI-epsilon,OTTHUMP00000063258,OTTHUMP00000063263,casein kinase 1 epsilon,casein kinase I epsilon

Interactome



Gene Pathway

[Circadian rhythm - mammal](#) [Hedgehog signaling pathway](#) [Wnt signaling pathway](#)

Related Disease

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[Autistic Disorder](#) [Bipolar Disorder](#) [Breast cancer](#) [Breast Neoplasms](#)
[Cardiovascular Diseases](#) [Chronobiology Disorders](#) [Depressive Disorder](#)
[Depressive Disorder, Major](#) [Diabetes Mellitus, Type 2](#) [Disease Models, Animal](#) [Edema](#)
[Genetic Predisposition to Disease](#) [Heroin Dependence](#) [Mood Disorders](#) [NARP](#)
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