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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CHUK Pre-design Chimera RNAi

Catalog # : H00001147-R02

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens conserved helix-loop-helix ubiquitous kinase (CHUK), mRNA.

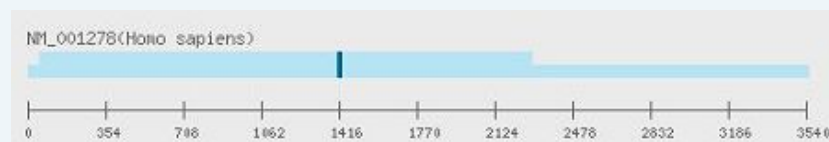
Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_001278

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: [1147](#)

Gene Name: CHUK

Gene Alias: IKBKA, IKK-alpha, IKK1, IKKA, NFKBKA, TCF16

Gene conserved helix-loop-helix ubiquitous kinase
Description:

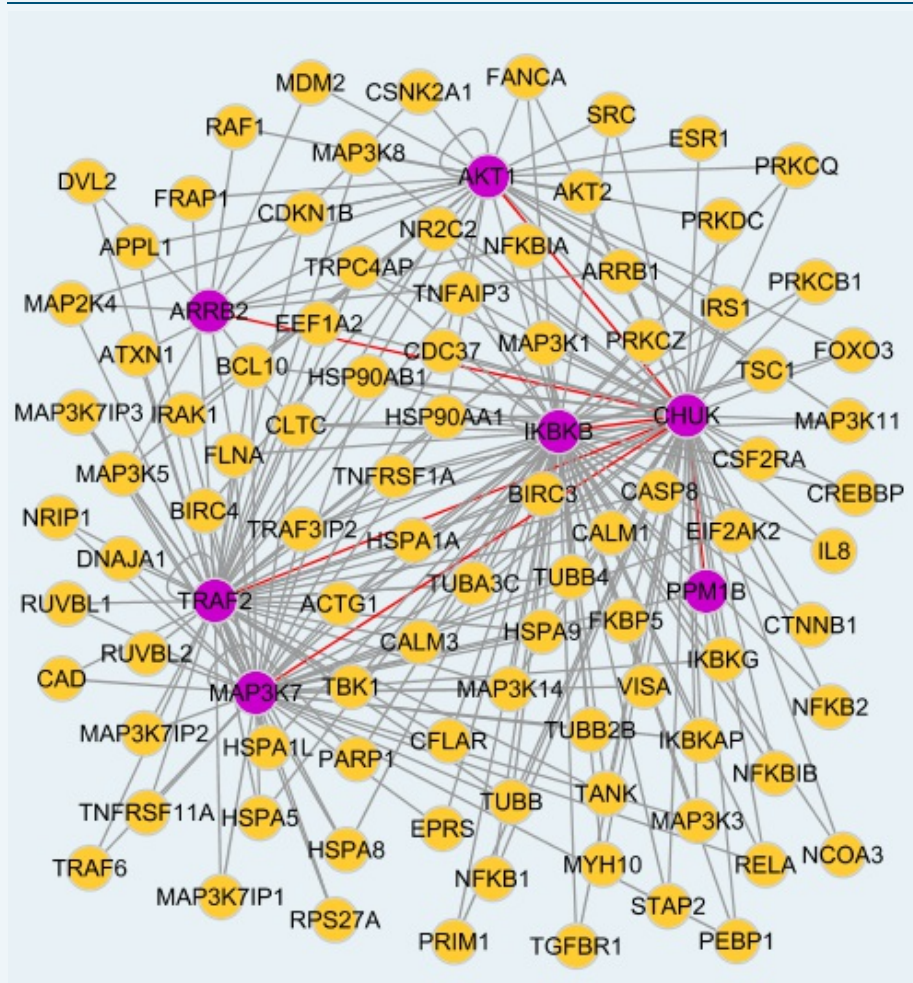
Omim ID: [600664](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a member of the serine/threonine protein kinase family. The encoded protein, a component of a cytokine-activated protein complex that is an inhibitor of the essential transcription factor NF-kappa-B complex, phosphorylates sites that trigger the degradation of the inhibitor via the ubiquination pathway, thereby activating the transcription factor. [provided by RefSeq]

Other Designations: I-kappa-B kinase 1,I-kappa-B kinase-alpha,IKK-a kinase,IkB kinase alpha subunit,Nuclear factor NFkappaB inhibitor kinase alpha,OTTHUMP00000020273,conserved helix-loop ubiquitous kinase

Interactome



Gene Pathway

[Acute myeloid leukemia](#) [Adipocytokine signaling pathway](#) [Apoptosis](#)
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[Epithelial cell signaling in Helicobacter pylori infection](#) [MAPK signaling pathway](#)
[Pancreatic cancer](#) [Pathways in cancer](#) [Prostate cancer](#) [Small cell lung cancer](#)
[T cell receptor signaling pathway](#) [Toll-like receptor signaling pathway](#)

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