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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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DPYS Pre-design Chimera RNAi

Catalog # : H00001807-R01

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Homo sapiens dihydropyrimidinase (DPYS), mRNA.

Description:

Reactivity: Human

Supplied DEPC water

Product:

Target Refseq: NM_001385

Storage Store at -20°C, do not exceed 4 - 5 freeze-thaw cycles to ensure
Instruction: 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: [1807](#)

Gene Name: DPYS

Gene Alias: DHP,DHPase

Gene dihydropyrimidinase

Description:

Omim ID: [222748](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Dihydropyrimidinase catalyzes the conversion of 5,6-dihydrouracil to 3-ureidopropionate in pyrimidine metabolism. Dihydropyrimidinase is expressed at a high level in liver and kidney as a major 2.5-kb transcript and a minor 3.8-kb transcript. Defects in the DPYS gene are linked to dihydropyrimidinuria. [provided by RefSeq]

Other Designations: dihydropyrimidine amidohydrolase,hydantoinase

Gene Pathway

[beta-Alanine metabolism](#) [Drug metabolism - other enzymes](#) [Metabolic pathways](#)
[Pantothenate and CoA biosynthesis](#) [Pyrimidine metabolism](#)

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