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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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HBE1 Pre-design Chimera RNAi

Catalog # : H00003046-R01

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens hemoglobin, epsilon 1 (HBE1), mRNA.

Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_005330

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: 3046

Gene Name: HBE1

Gene Alias: HBE

Gene hemoglobin, epsilon 1

Description:

Omim ID: [142100](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The epsilon globin gene (HBE) is normally expressed in the embryonic yolk sac: two epsilon chains together with two zeta chains (an alpha-like globin) constitute the embryonic hemoglobin Hb Gower I; two epsilon chains together with two alpha chains form the embryonic Hb Gower II. Both of these embryonic hemoglobins are normally supplanted by fetal, and later, adult hemoglobin. The five beta-like globin genes are found within a 45 kb cluster on chromosome 11 in the following order: 5'-epsilon - G-gamma - A-gamma - delta - beta-3' [provided by RefSeq]

Other OTTHUMP00000069642,epsilon globin

Designations:

Related Disease

[Abortion, Spontaneous beta-Thalassemia](#) [Genetic Predisposition to Disease](#)
[Malaria, Cerebral](#) [Obesity](#) [Ovarian Failure, Premature](#) [Polycystic Ovary Syndrome](#)
[Puberty, Delayed Puberty, Precocious](#) [Thalassemia](#) [Thalassemia](#) [Thrombophilia](#)
[Tobacco Use Disorder](#)

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