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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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BAAT Pre-design Chimera RNAi

Catalog # : H00000570-R01

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens bile acid Coenzyme A: amino acid N-acyltransferase (glycine N-choloyltransferase) (BAAT), mRNA.

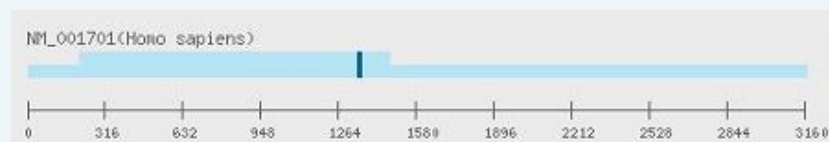
Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_001701

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: [570](#)

Gene Name: BAAT

Gene Alias: BACAT,BAT,FLJ20300,MGC104432

Gene Description: bile acid Coenzyme A: amino acid N-acyltransferase (glycine N-choloyltransferase)

Omim ID: [602938](#), [607748](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a liver enzyme that catalyzes the transfer of C24 bile acids from the acyl-CoA thioester to either glycine or taurine, the second step in the formation of bile acid-amino acid conjugates. The bile acid conjugates then act as a detergent in the gastrointestinal tract, which enhances lipid and fat-soluble vitamin absorption. Defects in this gene are a cause of familial hypercholanemia (FHCA). Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other Designations: OTTHUMP00000021802, bile acid Coenzyme A: amino acid N-acyltransferase, glycine N-choloyltransferase

Gene Pathway

[Biosynthesis of unsaturated fatty acids](#) [Metabolic pathways](#) [Primary bile acid biosynthesis](#) [Taurine and hypotaurine metabolism](#)

Related Disease

[Genetic Predisposition to Disease](#) [Kidney Failure, Chronic](#) [Narcolepsy](#)

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