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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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SNRPB Pre-design Chimera RNAi

Catalog # : H00006628-R02

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens small nuclear ribonucleoprotein polypeptides B and B1 (SNRPB), transcript variant 1, mRNA.

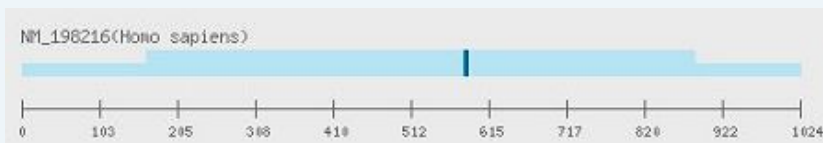
Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_198216

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: [6628](#)

Gene Name: SNRPB

Gene Alias: COD,SNRPB1,SmB/SmB',snRNP-B

Gene Description: small nuclear ribonucleoprotein polypeptides B and B1

Omim ID: [182282](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is one of several nuclear proteins that are found in common among U1, U2, U4/U6, and U5 small ribonucleoprotein particles (snRNPs). These snRNPs are involved in pre-mRNA splicing, and the encoded protein may also play a role in pre-mRNA splicing or snRNP structure. Autoantibodies from patients with systemic lupus erythematosus frequently recognize epitopes on the encoded protein. Two transcript variants encoding different isoforms (B and B') have been found for this gene. [provided by RefSeq]

Other Designations: B polypeptide of Sm protein,OTTHUMP00000030012,OTTHUMP00000030013,Sm protein B/B',small nuclear ribonucleoprotein polypeptide B,small nuclear ribonucleoprotein polypeptide B/B',small nuclear ribonucleoprotein polypeptides B and B'

Gene Pathway

[Systemic lupus erythematosus](#)

Related Disease

[Breast Neoplasms](#) [Carcinoma](#) [Genetic Predisposition to Disease](#)

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