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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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BRF1 Pre-design Chimera RNAi

Catalog # : H00002972-R01

規格 : [10 nmol] [20 nmol]

[List All](#)

Specification

Product Description:	Homo sapiens BRF1 homolog, subunit of RNA polymerase III transcription initiation factor IIIB (S. cerevisiae) (BRF1), transcript variant 1, mRNA.
Reactivity:	Human
Supplied Product:	DEPC water
Target Refseq:	NM_001519
Target Region:	3' Untranslated Region (3'UTR)
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.



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: [2972](#)

Gene Name:	BRF1
Gene Alias:	BRF,FLJ42674,FLJ43034,GTF3B,MGC105048,TAF3B2,TAF3C,TAFIII90,TF3B90,TFIIIB90,hBRF
Gene Description:	BRF1 homolog, subunit of RNA polymerase III transcription initiation factor IIIB (S. cerevisiae)
Omim ID:	604902
Gene Ontology:	Hyperlink
Gene Summary:	This gene encodes one of the three subunits of the RNA polymerase III transcription factor complex. This complex plays a central role in transcription initiation by RNA polymerase III on genes encoding tRNA, 5S rRNA, and other small structural RNAs. The gene product belongs to the TF2B family. Two alternatively spliced variants encoding different isoforms, that function at different promoters transcribed by RNA polymerase III, have been identified. Other transcript variants are possible, but their full-length natures have not been completely characterized. [provided by RefSeq]
Other Designations:	B - related factor 1,TATA box binding protein (TBP)-associated factor 3C,TATA box binding protein (TBP)-associated factor, RNA polymerase III, GTF3B subunit 2,TATA box binding protein (TBP)-associated factor, RNA polymerase III, subunit 2,TBP - associated

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