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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CALCA Pre-design Chimera RNAi

Catalog # : H00000796-R03

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens calcitonin/calcitonin-related polypeptide, alpha (CALCA), transcript variant 3, mRNA.

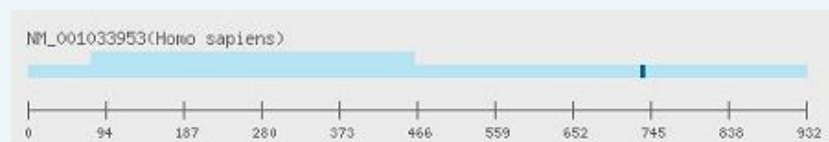
Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_001033953

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: [796](#)

Gene Name: CALCA

Gene Alias: CALC1,CGRP,CGRP-I,CGRP1,CT,KC,MGC126648

Gene calcitonin-related polypeptide alpha

Description:

Omim ID: [114130](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Calcitonin is a peptide hormone synthesized by the parafollicular cells of the thyroid. It causes reduction in serum calcium, an effect opposite to that of parathyroid hormone (PTH; MIM 168450).[supplied by OMIM]

Other Designations: calcitonin, calcitonin 1, calcitonin/calcitonin-related polypeptide, alpha, katalcalcin

Gene Pathway

[Vascular smooth muscle contraction](#)

Related Disease

[Bipolar Disorder](#) [Cardiovascular Diseases](#) [Diabetes Mellitus, Type 2](#) [Edema](#)
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[Multiple Trauma](#) [Osteoarthritis, Knee](#) [Osteoporosis](#) [Postmenopausal](#) [Ovarian cancer](#)
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[Postoperative Complications](#) [Prosthesis Failure](#) [Radius Fractures](#)

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