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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CALCR Pre-design Chimera RNAi

Catalog # : H00000799-R02

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Homo sapiens calcitonin receptor (CALCR), mRNA.

Description:

Reactivity: Human

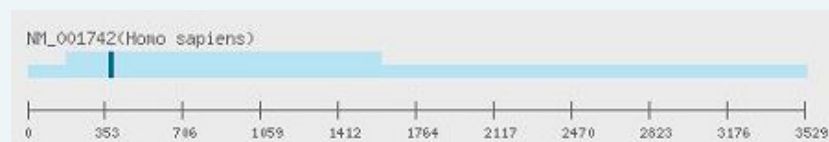
Supplied DEPC water

Product:

Target Refseq: NM_001742

Storage Store at -20°C, do not exceed 4 - 5 freeze-thaw cycles to ensure
Instruction: 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: [799](#)

Gene Name: CALCR

Gene Alias: CRT,CTR,CTR1

Gene calcitonin receptor

Description:

Omim ID: [114131](#), [166710](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a high affinity receptor for the peptide hormone calcitonin and belongs to a subfamily of seven transmembrane-spanning G protein-coupled receptors. The encoded protein is involved in maintaining calcium homeostasis and in regulating osteoclast-mediated bone resorption. Polymorphisms in this gene have been associated with variations in bone mineral density and onset of osteoporosis. Alternate splicing results in multiple transcript variants. [provided by RefSeq]

Other Designations: OTTHUMP00000025217, OTTHUMP00000162535

Gene Pathway

[Neuroactive ligand-receptor interaction](#)

Related Disease

[Alveolar Bone Loss](#) [Alzheimer Disease](#) [Alzheimer disease](#) [Arthritis](#), [Juvenile Rheumatoid](#)
[Body Weight](#) [Cardiovascular Diseases](#) [Cystic Fibrosis](#) [Cystic fibrosis](#)
[Diabetes Complications](#) [Diabetes Mellitus, Type 2](#) [Edema](#) [Femoral Neck Fractures](#)
[Fractures, Stress](#) [Genetic Predisposition to Disease](#) [Hyperparathyroidism](#), [Secondary](#)
[Kidney Calculi](#) [Lung Neoplasms](#) [Mandibular Diseases](#) [Maxillary Diseases](#)

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