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- Forschungsprodukte & Biochemikalien
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- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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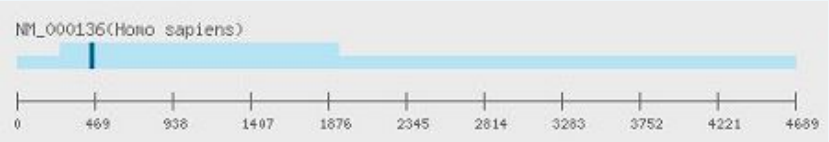
FANCC Pre-design Chimera RNAi

Catalog # : H00002176-R01 **規格 :** [10 nmol] [20 nmol]

List All

Specification

Product Description:	Homo sapiens Fanconi anemia, complementation group C (FANCC), mRNA.
Reactivity:	Human
Supplied Product:	DEPC water
Target Refseq:	NM_000136
Storage Instruction:	Store at -20°C, do not exceed 4 - 5 freeze-thaw cycles to ensure product integrity.
Note:	Position of the Chimera RNAi.



Publication Reference

1. 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.
2. 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.
3. 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.
4. 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:	2176
Gene Name:	FANCC
Gene Alias:	FA3,FAC,FACC,FLJ14675

Application Image

RNAi Knockdown

Gene Description:	Fanconi anemia, complementation group C
Omim ID:	227645
Gene Ontology:	Hyperlink
Gene Summary:	The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCJ (also called BRIP1), FANCL, FANCM and FANCN (also called PALB2). The previously defined group FANCH is the same as FANCA. Fanconi anemia is a genetically heterogeneous recessive disorder characterized by cytogenetic instability, hypersensitivity to DNA crosslinking agents, increased chromosomal breakage, and defective DNA repair. The members of the Fanconi anemia complementation group do not share sequence similarity; they are related by their assembly into a common nuclear protein complex. This gene encodes the protein for complementation group C. [provided by RefSeq
Other Designations:	OTTHUMP00000021706,OTTHUMP00000021707,bA80I15.1 (Fanconi anemia, complementation group C, protein)

Related Disease

Adenocarcinoma Bloom Syndrome Breast cancer Breast Neoplasms Carcinoma, Pancreatic Ductal Carcinoma, Papillary Cardiovascular Diseases Cystic fibrosis Diabetes Mellitus, Type 2 Edema Fanconi Anemia Gaucher disease Genetic Diseases, Inborn Genetic Predisposition to Disease Neoplasms Neoplasms, Glandular and Epithelial Ovarian cancer Ovarian Neoplasms Pancreatic cancer

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