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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

NFYC Validated Chimera RNAi

Catalog # : H00004802-R01V

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens nuclear transcription factor Y, gamma (NFYC), mRNA.

Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_014223

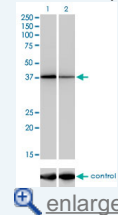
Storage Instruction: Store at -20°C, do not exceed 4 - 5 freeze-thaw cycles to ensure product integrity.

Note: Position of the Chimera RNAi.



Application Image

RNAi Knockdown (Antibody validated)

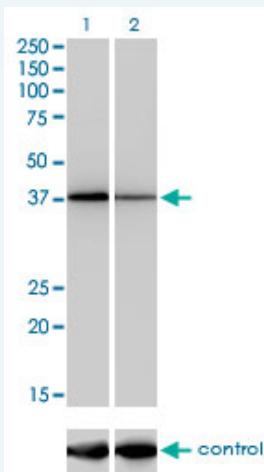


Publication Reference

- [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 (Antibody validated)



Western blot analysis of NFYC over-expressed 293 cell line, cotransfected with NFYC Validated Chimera RNAi (Cat # H00004802-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with NFYC monoclonal antibody (M01), clone 1D3 (Cat # H00004802-M01). GAPDH (36.1 kDa) used as specificity and loading control.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [4802](#)

Gene Name: NFYC

Gene Alias: CBF-C,CBFC,DKFZp667G242,FLJ45775,H1TF2A,HAP5,HSM,NF-YC

Gene Description: nuclear transcription factor Y, gamma

Omim ID: [605344](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes one subunit of a trimeric complex forming a highly conserved transcription factor that binds with high specificity to CCAAT motifs in the promoters of a variety of genes. The encoded protein, subunit C, forms a tight dimer with the B subunit, a prerequisite for subunit A association. The resulting trimer binds to DNA with high specificity and affinity. Subunits B and C each contain a histone-like motif. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations: CCAAT binding factor subunit C,CCAAT transcription binding factor subunit gamma,OTTHUMP00000009207,OTTHUMP00000009208,OTTHUMP00000009211,OTTHUMP00000009212,histone H1 transcription factor large subunit 2A,transactivator HSM-1,transcription factor NF-Y, C

Gene Pathway

[Antigen processing and presentation](#)

Related Disease

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