

## E. RNAi コントロール試薬

2-E-1) RNAi コントロール試薬をご注文いただくには、ホームページ ( <http://horizondiscovery.com> ) の上部にある青いバナーの「Gene modulation」(緑実線枠)から、「Controls」(赤実線枠)にアクセスしてください。

Gene editing > **Gene modulation** > Screening > Animal models > CHO cells >

### Gene modulation

|                 |                    |                                 |
|-----------------|--------------------|---------------------------------|
| Knockdown       | Overexpression     | Tools                           |
| siRNA           | CRISPRa            | siDESIGN center                 |
| shRNA           | cDNA               | Custom siRNA                    |
| microRNA        | ORFs               | Custom microRNA                 |
| lncRNA          |                    | Cherry pick tool                |
| <b>Controls</b> | Screening          |                                 |
|                 | CRISPRa libraries  | Transfection reagents & buffers |
|                 | RNAi libraries     |                                 |
|                 | cDNA/ORF libraries |                                 |
|                 | Screening services |                                 |

2-E-2) 下図は「Products」(緑実線枠)をクリックして表示された画面です(抜粋)。ご希望のRNAi コントロール試薬にアクセスしてください。以下に、「ON-TARGETplus Controls」(赤実線枠)を例に説明します。

## RNAi Controls

Critical to any gene silencing or microRNA modulation experiment, RNAi controls enable accurate interpretation for reliable, reproducible results.

Overview **Products** Control Kits Product Selection

### siRNA Controls

- ON-TARGETplus Controls**

Validated positive controls and non-targeting negative controls utilizing patented modifications for optimal specificity. Available as pools or single siRNAs.

- Accell Controls

Effectively optimize Accell siRNA delivery conditions with fluorescent or unlabeled positive and negative controls. Kits of validated controls available.

- siGENOME Controls

A robust selection of validated positive, negative, and novel RISC-Free<sup>®</sup> controls to effectively assess all aspects of RNAi experiments.

- Lincode Controls

Endogenous lncRNA positive control and non-targeting control siRNA and pool reagents for high-confidence experiments.

- siGLO Controls

Fluorescent controls are effective tools for visualizing transfection success. Choose from positive control siRNAs or our novel transfection indicators.

- Reporter Genes, siSTABLE and other Controls

Choose from siSTABLE-modified controls, siRNA for silencing reporter genes (GFP, Luciferase, etc.) or other experimental needs.

2-E-3)下の図は、2-E-2)において「ON-TARGET*plus* Controls」を選択&クリック後、「Products」(緑実線枠)をクリックして表示された画面です。ご希望のON-TARGET*plus* コントロールにアクセスし、ショッピングカートに入れてください。

注)ターゲット遺伝子に対するsiRNAとコントロールsiRNAの製品タイプは同じものを使用してください。例えば、ターゲット遺伝子に対するsiRNAとしてON-TARGET*plus* をご使用の場合は、ネガティブコントロールとしてON-TARGET*plus* Negative Control Reagentsを必ずご選択ください。

## ON-TARGET*plus* Controls

Validated positive controls and non-targeting negative controls utilizing patented modifications for optimal specificity. Available as pools or single siRNAs

Overview

Products

Select a species-specific positive control to silence an expressed housekeeping gene in your experimental cell type.

| ON-TARGET <i>plus</i> Positive Control Reagents   | Species           | Catalog Number |
|---|-------------------|----------------|
| ON-TARGET <i>plus</i> Cyclophilin B Control siRNA | Human             | D-001820-01    |
|   | Mouse             | D-001820-02    |
|   | Rat               | D-001820-03    |
| ON-TARGET <i>plus</i> Cyclophilin B Control Pool  | Human             | D-001820-10    |
|   | Mouse             | D-001820-20    |
|   | Rat               | D-001820-30    |
| ON-TARGET <i>plus</i> GAPD Control siRNA          | Human             | D-001830-01    |
|   | Mouse             | D-001830-02    |
|   | Rat               | D-001830-03    |
| ON-TARGET <i>plus</i> GAPD Control Pool           | Human             | D-001830-10    |
|   | Mouse             | D-001830-20    |
|   | Rat               | D-001830-30    |
| ON-TARGET <i>plus</i> Negative Control Reagents   | Species           | Catalog Number |
| ON-TARGET <i>plus</i> Non-targeting siRNAs        | Human, Mouse, Rat | D-001810-0X    |
| ON-TARGET <i>plus</i> Non-targeting Pool          | Human, Mouse, Rat | D-001810-10    |

H=human, M=mouse, R=rat. X=1, 2, 3, 4 respectively

2-E-4)下の画面はON-TARGET*plus* Non-targeting siRNAを選択&クリックした結果が表示された状態です。赤実線枠の項目を選択&クリックすることで、アイテムや容量を選択できます。「Add to Cart」ボタン(青点線枠)をクリックすると製品がショッピングカートに入ります。

## ON-TARGET*plus* Non-targeting Control siRNAs

Negative control siRNAs designed and microarray tested for minimal targeting of human, mouse, or rat genes. ON-TARGET*plus* modifications reduce potential off-targets. Recommended for determination of baseline cellular responses in RNAi experiments.

Select Product for: ON-TARGET*plus* Non-targeting Control siRNAs

1. Item

ON-TARGET*plus* Non-targeting Control siRNA #1

ON-TARGET*plus* Non-targeting Control siRNA #2

ON-TARGET*plus* Non-targeting Control siRNA #3

ON-TARGET*plus* Non-targeting Control siRNA #4

2. Size

5 nmol

20 nmol

50 nmol

¥30,500

Catalog ID: D-001810-01-05

-

1

+

Add to Cart