

## F. トランスフェクション試薬

2-F-1) トランスフェクション試薬 (DharmaFECT等) をご注文いただくには、2-E-1) と同様に Dharmacon 本社 Web サイト (<http://dharmacon.horizondiscovery.com>) のトップページから RNA 干渉に進み、「Transfection」(赤実線枠) にアクセスしてください。

### Transfection



A comprehensive portfolio of competitively priced, proven transfection reagents for a wide range of applications.

### Viral Packaging



Package 2nd or 3rd generation viral vectors to consistently generate high-titer viral particles for gene silencing or gene expression studies.

### Ancillary Reagents



Complete your experiment with all necessary ancillary reagents, including buffers, water, and specialized cell culture media.

2-F-2) 下の図は、Products タブ (赤実線枠) をクリックして各種トランスフェクション試薬 (DharmaFECT等) を表示した画面です。ご希望のトランスフェクション試薬にアクセスし、ショッピングカートに入れてください。Cell Line Data (緑実線枠) をクリックすると、細胞株ごとに最適な DharmaFECT 試薬を検討した例が表示されますので、製品選択のご参考にしてください (15 ページ参照)。

## Transfection

Reagents optimized for your specific application

Overview

Products

Cell Line Data

Supporting Data

Resources

- **DharmaFECT 1 Transfection Reagent**  
The most broadly applicable DharmaFECT formulation for optimal siRNA or microRNA transfection into a wide range of cell types for successful RNAi experiments. DharmaFECT 1 has been validated in over 35 cell types.
- **DharmaFECT 2 Transfection Reagent**  
One of four siRNA/microRNA specific formulations, DharmaFECT 2 is a chemically distinct alternative to one-size-fits-all transfection reagents to achieve high-efficiency silencing in more cell types.
- **DharmaFECT 3 Transfection Reagent**  
One of four siRNA/microRNA specific formulations, DharmaFECT 3 is a chemically distinct alternative to one-size-fits-all transfection reagents to achieve high-efficiency silencing in more cell types.
- **DharmaFECT 4 Transfection Reagent**  
DharmaFECT 4 Transfection Reagent is chemically distinct from the other DharmaFECT formulations, providing an alternative when DharmaFECT 1 does not achieve optimal results, and is ideal to include in transfection optimization experiments prior to RNAi screening or other high-value experiments
- **DharmaFECT Set of 4 Transfection Reagents**  
An aliquot of each of the four DharmaFECT formulations for siRNA/microRNA transfection optimization studies. Useful for determination of the best reagent for your cells and particular experimental conditions.
- **DharmaFECT Duo Transfection Reagent**  
For high-confidence co-transfection
- **DharmaFECT kb Transfection Reagent**  
Efficient transfection of plasmid DNA with minimal cytotoxicity

## 細胞株ごとに最適なDharmaFECT試薬を検討した例(抜粋)

### DharmaFECT Transfection Reagent

The table below lists transfection recommendations to help you select the appropriate DharmaFECT formulation for your research. You can also download a PDF version of the [DharmaFECT Cell Type Guide](#) here.

Human					
Cell line	Cell type	Recommended DharmaFECT formulation	DharmaFECT volume/well (μL) in 96 well plate	Plating density in 96 well plate (cells per well)	Other successful formulations
786-0	Kidney adenocarcinoma	1	0.4	$5 \times 10^3$	2
A549	Lung carcinoma	1	0.2	$1 \times 10^4$	2, 3, 4
BxPC3	Pancreas adenocarcinoma	2	0.2	$5 \times 10^3$	1, 3, 4
DLD-1	Colorectal adenocarcinoma	2	0.4	$5 \times 10^3$	1,3