

Thermo Scientific Dharmacon® DharmaFECT® Duo Transfection Reagent – for siRNA and Plasmid Co-Transfection

Introduction

DharmaFECT® Duo is a lipid-based reagent specially formulated for co-transfection of plasmid and siRNA. Under optimized conditions, efficient delivery of both plasmid and siRNA can be achieved with minimal cell toxicity.

As is generally observed with plasmid transfection, cell viability is reduced compared to siRNA transfection alone. When evaluating delivery conditions, a threshold of 70% cell viability and 80% gene silencing is set for successful, non-toxic co-transfection of plasmid and siRNA.

Product Description

- Provided as a liquid at a concentration of 1 mg/mL
- Confirmed to be free of microbial contaminants and ribonucleases

Product	Size	Catalog Number
DharmaFECT Duo	0.2 mL	T-2010-01
	0.75 mL	T-2010-02
	1.5 mL	T-2010-03
	1.5 mL x 5 tubes	T-2010-04

Troubleshooting

For technical information or troubleshooting contact Thermo Scientific Genomics Tech Support:

	Email	Phone
North America (US, Canada, Central/South America)	Techservice.genomics@thermofisher.com	+1 (800) 235-9880
Europe (EU, Middle East, Africa)	Techservice.emea.genomics@thermofisher.com	(+44) 1372 8404100
Other Countries	www.thermo.com/dharmacondistributors	

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Literature Code: 00134-06-J-02-U

Shipping and Storage

- DharmaFECT Duo co-transfection reagent is shipped on ice packs. If the ice melts during transit there is no risk to the product. Stability testing demonstrates no loss in product functionality after prolonged storage at warm temperatures (see the Stability Testing Product Bulletin for additional details).
- Upon receipt, store at 4°C. **DO NOT FREEZE.** DharmaFECT transfection reagents are labeled with a date of manufacture and are good for 18 months following that date when stored as recommended.

Related Products

- Dharmacon recommends including a positive and negative control, such as Dharmacon RNAi Control reagents, in every RNAi experiment. For more information, visit www.thermo.com/DharmaconRNAiControls.

Accompanying Documents

- siRNA/Plasmid Co-transfection Protocol

Publication Reference Guide

When referencing the use of DharmaFECT Duo Co-Transfection Reagents, please include the following information: DharmaFECT® Duo Transfection Reagent, Thermo Fisher Scientific, Lafayette, CO.