

IVORI[®] siRNA Delivery



- Dyes, spacers, linkers, affinity tags, peptide and hydrophobic anchor groups for efficient delivery
- *In vitro* and *in vivo* siRNA delivery
- Customized delivery solutions

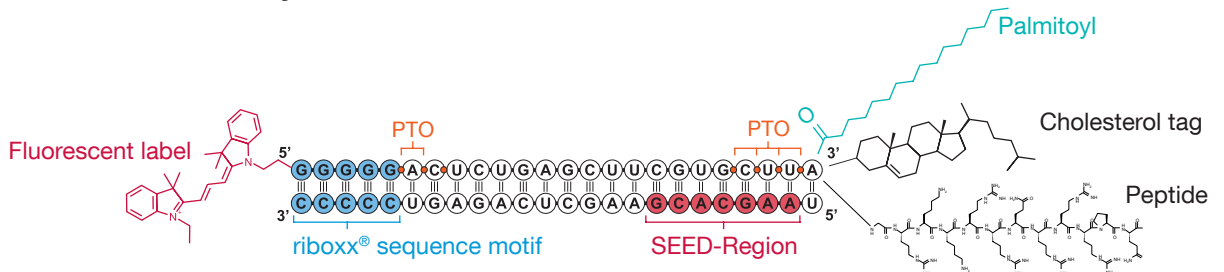


Figure 1. IVORI[®] siRNA with modifications for efficient delivery.

Rib maxx provides scientists with the full range of siRNA delivery solutions, ranging from cholesterol groups, aptamers, hydrophobic anchor groups to cell-penetrating peptides. Efficiency of siRNA delivery to the cell is controlled by a chromophore coupled to the sense (passenger) strand, rendering live in vivo imaging possible. Moreover, Rib maxx offers customized delivery solutions of siRNA for in vivo experiments. For more informations, please contact us!

Optimal Delivery of the IVORI[®] siRNA to Hepatocarcinoma Cells (HuH-7)

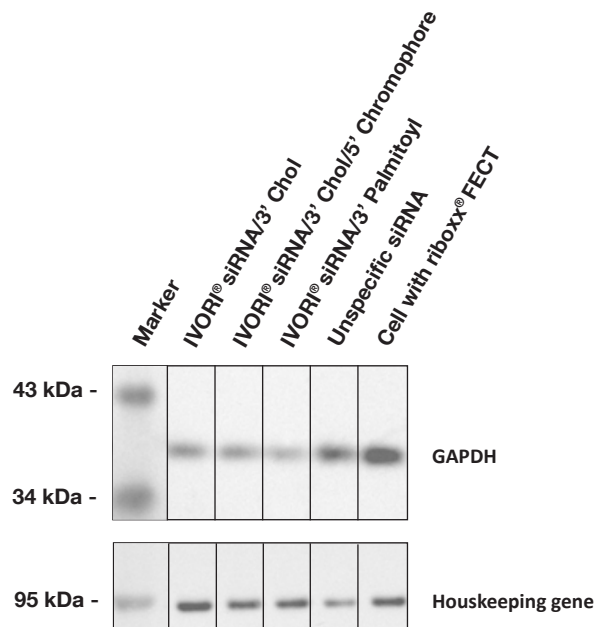


Figure 2. Optimal delivery of IVORI[®] siRNA to HuH-7 cells. The IVORI[®] siRNA (200 nM) targeting the GAPDH gene was coupled to a cholesterol group, in the presence or the absence of a chromophore, or to a palmitoyl in the absence of a chromophore group. Gene silencing was assessed by western blot. As a control, the housekeeping genes HSP90 as well as the transfection reagent rib maxx[®] FECT applied alone on the cells and a mock are shown. A silencing of GAPDH with the IVORI[®] siRNA coupled to palmitoyl or cholesterol in the presence of a chromophore was evidenced.

riboxx® siRNA Delivery

Ordering Information

To meet your specific experimental needs, Riboxx offers a wide range of chemical modifications for an efficient delivery of the IVORI® siRNA:

Product Name	Cat. No.	Quantity		Purification / QC
IVORI siRNA S	D-00103-0005	5 nmol	>1.0 OD	RP / IEX HPLC
IVORI siRNA M	D-00103-0020	20 nmol	>4 OD	RP / IEX HPLC
IVORI siRNA L	D-00201-0200	200 nmol	>40 OD	RP / IEX HPLC
IVORI siRNA XL	D-00301-1500	1500 nmol	>300 OD	RP / IEX HPLC
IVORI siRNA Large Scale	D-00501-3000	>3000 nmol	>600 OD	RP / IEX HPLC

IVORI® siRNA Delivery Modifications				
3'-Peptide	X-0005-3-PEP	5 nmol		RP / HPLC
3'-Chol	X-0200-3-Chol	<200 nmol		RP / HPLC
3'-Chol	X-1000-3-Chol	1000 nmol		RP / HPLC
5'-Chol	X-0200-5-Chol	<200 nmol		RP / HPLC
5'-Chol	X-1000-5-Chol	1000 nmol		RP / HPLC

Order

Products & Services can be ordered by:

Fax: 0049 (0)351 83 36 01-39

E-Mail: order@riboxx.com

Online-Shop: www.riboxx.com

Support & Technical Assistance

For technical assistance please visit www.riboxx.com or contact us directly:

Phone: 0049 (0)351 83 36 01-0

Fax: 0049 (0)351 83 36 01-39

E-Mail: support@riboxx.com

Other Riboxx Products & Services

IBONI® - *in vitro* siRNA

- Prolonged gene silencing
- Reduced off-target effects
- Gene Silencing Guarantee Service

IBONI® siRNA Control

- Pre-designed double-stranded RNA
- Successfully validated by independent scientists
- Positive and negative controls

riboxx® RNA

- 7 - 80 base pairs
- Scale up to 1 gram
- Modified or non-modified

riboxx® Custom siRNA Libraries

- Increased knock-down efficiency
- Enhanced RNase resistance
- Gene Silencing Guarantee service

IVORI® - *IN VIVO* siRNA

- Maximal gene silencing
- Enhanced serum stability
- Less toxicity

CONTRAmir™ - miRNA Inhibitor

- Pre-designed or custom
- Backbone modifications
- End modifications

CONmir™ - miRNA Mimic

- Pre-designed or custom
- Backbone modifications
- End modifications

riboxx® FECT (with Chromo-GAPDH-siRNA)*

- Powerful transfection reagent for siRNA, RNA, miRNA
- ***Control of transfection and gene silencing efficiency**
- For adherent cells or cells in suspension
- Perfect compatibility with riboxx® products



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