


Silencer™ Human Cell Surface siRNA Library

Catalog Number A30145

Pub. No. 100038176 Rev. A

 **WARNING!** Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves. Safety Data Sheets (SDSs) are available from thermofisher.com/support.

Product description

The Invitrogen™ Silencer™ Human Cell Surface siRNA Library contains Silencer™ pre-designed, and when available, validated siRNAs.

- The siRNAs target human genes encoding for cell surface receptors (membrane and transmembrane receptors) that are crucial in communication between the cell and its surroundings.
- For handling and usage guidelines, refer to *Silencer™ Libraries: Transfection Protocol* (Pub. no. MAN0014606).

Library characteristics

Characteristic	Description
Lot number	XXXXXXXX
Total amount of each siRNA	0.25 nmol of each siRNA
siRNA aliquot description	1 × 0.25 nmol
Library content	2367 unique siRNAs targeting transcripts from each of 789 genes. Total of 27 × 96-well plates (Axygen PCR96FS; www.axgen.com). <ul style="list-style-type: none"> • 24 plates with 88 siRNAs each. • 3 plates with 85 siRNAs each. A few siRNAs target more than one gene's transcript(s), due to gene families with highly homologous members or predicted genes with high homology to verified genes. Refer to the accompanying CD for sequence information and additional siRNA details.
Library format	Individual siRNAs
Empty wells per plate	Last column empty
Plate layout	siRNAs to same target in separate plates in same location
siRNA purity	Standard
siRNA format	Annealed
Appearance	Powder
Storage	Store at or below -20°C. Do not store in a frost-free freezer. (Dried oligonucleotides are shipped at ambient temperature.)
Shelf life	1 year, when stored at or below -20°C.

Quality control

Identity: The mass of a sample of each single-stranded RNA oligonucleotide is analyzed using MALDI-TOF mass spectrometry and compared to the calculated mass.

Annealing: A sample of the annealed siRNA is analyzed by nondenaturing gel electrophoresis.

Limited product warranty

Life Technologies Corporation and/or its affiliate(s) warrant their products as set forth in the Life Technologies' General Terms and Conditions of Sale found on Life Technologies' website at www.thermofisher.com/us/en/home/global/terms-and-conditions.html. If you have any questions, please contact Life Technologies at www.thermofisher.com/support.

The information in this guide is subject to change without notice.

DISCLAIMER

TO THE EXTENT ALLOWED BY LAW, LIFE TECHNOLOGIES AND/OR ITS AFFILIATE(S) WILL NOT BE LIABLE FOR SPECIAL, INCIDENTAL, INDIRECT, PUNITIVE, MULTIPLE, OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH OR ARISING FROM THIS DOCUMENT, INCLUDING YOUR USE OF IT.

Important Licensing Information: This product may be covered by one or more Limited Use Label Licenses. By use of this product, you accept the terms and conditions of all applicable Limited Use Label Licenses.

Corporate entity: Life Technologies | Carlsbad, CA 92008 USA | Toll Free in USA 1.800.955.6288

©2016 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific and its subsidiaries unless otherwise specified.

For support visit thermofisher.com/support or email techsupport@lifetech.com

thermofisher.com

11 January 2016

ThermoFisher
S C I E N T I F I C