

NEW SERVICE

# siRNA Pooling Service



Get 3 types of siRNAs for  
one target gene in a single tube  
as a mixture form!

## BIONEER's siRNA

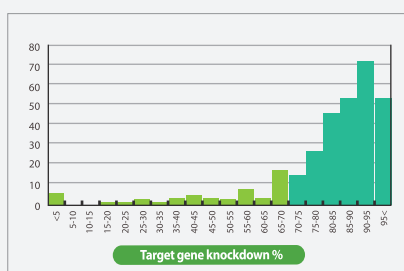
- 1 More than 80% of knockdown efficiency is guaranteed for at least two of the three siRNAs
- 2 Knockdown efficiency is maximized by minimizing off-target effect.
- 3 Customize the sequences as you wish, along with 100 types of modification services that we can provide

# siRNA

Product & Service

## Predesigned siRNA

Experience our maximized knockdown efficiency of 132,000 predesigned siRNAs for 44,000 target genes in human, mouse, and rat with minimized off-target effects.



### siRNA Knockdown efficiency of AccuTarget™ Genome-wide Predesigned siRNA.

The knockdown efficiency of our AccuTarget™ Predesigned siRNAs designed by our own Turbo si-Designer algorithm was tested by transfecting 100 nM of siRNAs into HeLa cells. We did a post-transfection analysis after 24 hours by isolating total RNAs and measuring the target mRNAs using qPCR. As a result, 83.8% of the siRNAs have demonstrated more than 70% of knockdown efficiency. On the other hand, 38.1% of them have shown more than 90% of knockdown efficiency.

If you buy all three siRNAs targeting the same gene, at least two of them are guaranteed to have more than 80% of knockdown efficiency to the mRNA of the target gene. Nevertheless, if you find that more than two siRNAs out of the three you have purchased show less than 80% of the knockdown efficiency, we will send you two new siRNAs for free.



### Positive/Negative Control siRNA

A control siRNA for your accurate experimental results

Proved to have more than 90% of knockdown efficiency for its target gene **Positive Control siRNA**. Designed to be non-targeting siRNA with low homology for all the genes **Negative Control siRNA**.



### Human Premade siRNA set

54,144 types of siRNA sets that can be immediately be used in transfection

Prepared in various concentrations and designed for researches on 25 biological pathways (or gene families) specialized in certain cellular processes, cancers, and diseases



### Real-Time PCR Primer

A Real-Time PCR primer for validating Gene knockdown

Provided for Real-Time PCR primer of 11,154 siRNAs categorized according to the functional gene pathways