



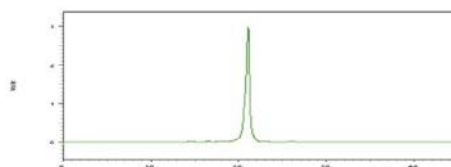
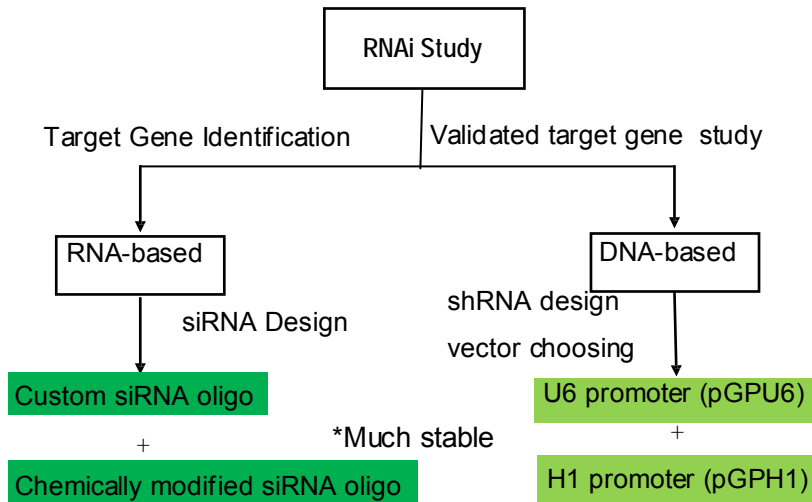
Sales

Custom siRNA Oligo, chemically modified siRNA Oligo

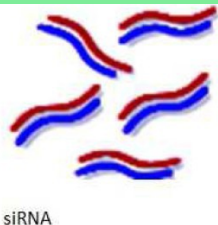
GenePharma is a biotech company founded in 2003. Products cover custom siRNA oligo, chemically-modified RNA oligo, shRNA, siRNA related reagents and RNA-related products. Our RNAi related products not only occupy a large domestic market share, but also are rising in the United States, Japan, Germany and other countries.

GenePharma Products Highlights

- Produce under ISO9000 quality system
- HPLC: siRNA content >97%
- 19-23 bases/each dsRNA
- Single-stranded aliquots, Annealing dsRNA aliquots in dried powder
- Report with oligo name, sequence, concentration, precise quantity in OD and nmols
- Free design support



◆ Comparison list of Standard siRNA and chemically modified siRNA

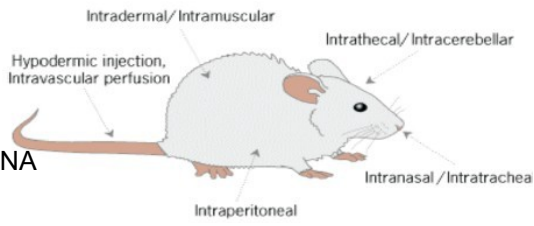
Concern	Standard siRNA	 siRNA	Chemically modified siRNA oligo GenePharma Stable™ siRNA
siRNA Degradation	quickly degrades and is unlikely to have extended longevity in cell culture.		greater longevity in cell culture and stability in cell culture and in serum.
Long-lasting Effect	Short time, most of all is about one week or so.		much more extension effective time than Standard siRNA
<i>In vivo</i> Activity	lower stability and not suitable <i>in vivo</i> application		high stability in most <i>in vivo</i> application

◆ Order information

siRNA synthesis (offer gene name or gene ID), order siRNA, and get free Negative Control siRNA (2OD siRNA, 0.5OD free N.C.; 5&10OD siRNA, 1OD free N.C.)

Standard siRNA (2OD-2500OD, HPLC purification, 1OD≈2.5nmol)		
Cat#	Qty	Can choose terminal or internal base modification: ⇒ Terminal modification: #5'FAM #5'Biotin #5'Amine #5'Phosphate #5'Thiol #5'Cholesterol #5'Cy3 #3'Amine ⇒ Internal modification: #2'Fluoro dU #2'Fluoro dC #2'Ome rU #2'Ome rC #2'Ome rG #2'Ome rA
A01001	2OD	
A01004	5OD	
A01009	10OD	

Chemically Modified stable™ siRNA (HPLC purification)

Cat#	Qtty	Two options for internal base modification <input type="checkbox"/> 2'-O-Me (A/G/C/U) <input type="checkbox"/> 2'-F(U/C) GenePharma's Chemically Modified siRNA is succeed in in vivo application	
A02001	2OD		
A02004	5OD		
A02009	10OD		

Fluorescent Labeled siRNA (HPLC purification)

Cat#	Qtty	Two fluorescent dyes for option (suggest position 5'-sense strand) <input type="checkbox"/> FAM (green) <input type="checkbox"/> Cy3 (orange) The Fluorescent dye labeled siRNA oligo can be detected by Flow Cytometry, fluorescence microscope, laser co-focus microscope and so on, determined transfection efficiency, optimizing transfection condition.
A03001	2OD	
A03004	5OD	
A03009	10OD	

◆ **siRNA control**

Control siRNA (1OD, HPLC)	Products	CAS#	Products	CAS#
Negative control	Negative control siRNA	A06001	FAM-Negative control siRNA	A07001
Positive control	siRNA LaminA/C	A08001	siRNA GFP22	A08002
	siRNA Luciferase GL2	A08003	siRNA MAPK1	A08004
	siRNA Beta-Actin	A08005	siRNA Vimentin	A08006
	siRNA P53	A08007	siRNA GAPDH	A08008
	siRNA Cyclophilin B	A08009		

◆ **siRNA sets**

Design a siRNA pack for the customers to ensure the inhibit efficiency. Just need to provide the gene's name and Accession Number, then we will design 3/4 siRNA sequences aimed at the gene. Guarantee at least one sequence could conduct 70%(qPCR test) inhibit efficiency (the cell transfection efficiency at least up to 50%), otherwise we will synthesis 3 new siRNA sequences for free.

Set content	Set NO.	CAS#	Remark
<ul style="list-style-type: none"> ● Target gene siRNA ● Negative control siRNA ● FAM labeled Negative control siRNA ● Positive control siRNA (control size 1×1OD) 	siRNA Economical Set-A	A10001	3 candidates (1×2 OD)
	siRNA Beneficial Set-B	A10002	4 candidates (1×4 OD)
	Chemically Modified siRNA Economical Set-C	A10003	3 candidates (1×2 OD)
	Chemically Modified siRNA Beneficial Set-D	A10004	4 candidates (1×4 OD)
	Fluorescently-labeled siRNA Economical Set-E	A10005	3 candidates (1×2 OD)
	Fluorescently-labeled siRNA Beneficial Set-F	A10006	4 candidates (1×4 OD)

*1OD≈33ug≈2.5nmol (double stranded siRNA)≈5nmol (single stranded siRNA)

Please contact bd@genepharma.com for prices and supports.

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