



Site-directed Mutagenesis
Fast and Cost-effective

Site-directed Mutagenesis is a very useful tool for gene research, which can efficiently change the character and characterization of the target protein. Generally we introduce site-directed mutagenesis through PCR method, including the insertion, deletion and point mutation. Site-directed Mutagenesis technology has been widely used in the study of protein functional site structure, enzyme activity optimization, DNA component function or component interaction, gene therapy and so on.

Key Features

- **Vast operating region:** if the distance between two point mutations is <30 bp, we deal it as one.
- **High quality:** LifeSct has rich experience in solving kinds of repetitive sequences, including hairpin structure, high GC, poly structure and other complex sequences perfectly.
- **Deliverability:** The record of performance that LifeSct keeps is the delivery of a single DNA fragment up to 100 kb.

Fragment Length	Starting Price	Turnaround Time
<2000bp	\$119.00	10-12 business days
	\$169.00	10-12 business days
2000bp-3000bp	\$149.00	12-15 business days
	\$229.00	12-15 business days
3001bp-5000bp	\$229.00	12-15 business days
	\$299.00	12-15 business days
>5000bp	Quote	Quote

Customer Testimonials

"Our lab started to use the high-quality services from LifeSct, including the gene synthesis and other molecular biology services since 2017. We are always happy with the great quality of the services, the reasonable price, the prompt shipment and the good communication from LifeSct. More impressively, your LiTaq™ PCR mix is robust and cost-effective. Thanks for continuing to produce great products and provide excellent services!"

----- NIH/NICHD, Dr. Chune Cao, Lab manager

Contact Us

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PCR Cloning & Subcloning

Fragment Length	Starting Price	Turnaround Time
<1000bp	\$119	10-12 business days
1000bp - 2000bp	\$149	12-14 business days
2001bp - 3000bp	\$199	14-16 business days
>3000bp	Quote	Quote

Plasmid DNA preparation

Research Grade

Quantity	Turnaround Time	Starting Price
500 µg	8-10 business days	\$119
1 mg	10-12 business days	\$129
2 mg	10-12 business days	\$169
10 mg, High-copy	12-15 business days	\$349
10 mg, High-copy	12-15 business days	\$549
>10 mg	Quote	Quote

Virus Packaging

Service	Turnaround Time	Starting Price
Adenovirus Packaging	3-4 weeks	Quote
rAAV Packaging	1-2 weeks	Quote
Lentivirus Packaging	1-2 weeks	Quote

Related Products

Product Name	Cat. #	Size	Price
2× LiTaq™ PCR Master Mix (+Dye)	M0024	5 ml	\$99
LiTaq™ Super-Fidelity PCR Master Mix	M0031	1 ml	\$129
LiQuant™ Universal Green qPCR Master Mix	M0016	500 rxns	\$259
2× ExSembly™ Cloning Master Mix	M0005	10 rxns	\$169
LiClone™ Ultra One Step Cloning Kit	M0011	20 rxns	\$219
LiClone™ Fast Mutagenesis Kit	M0012	10 rxns	\$99
LiFect293™ Transfection Reagent	M0002	1 ml	\$199
EndoFree Mini Plasmid Kit	GDP123-02	50 preps	\$119