

In Vitro Site Directed Mutagenesis Service

Introduction:

Site directed mutagenesis is an important tool for structure -function analysis of proteins. Recent developments in molecular biology and molecular biophysics utilize techniques for introducing mutations in putative activation domains in proteins. Enhancement or down regulation of biological activities following mutagenesis studies provide important details about the structure and function of the protein. Bangalore Genei provides the unique facility of introducing mutations (single to multiple bases) in your protein gene.

Features:

- Mutation by base substitution at the desired position.
- Single base substitution to multiple base substitutions (upto 5 substitutions within 10 bp) can be performed.
- The steps in the mutagenesis services could typically include : (a) Sub-cloning of DNA fragment into a mutagenesis vector. (b) Designing & synthesizing of mutation primer. (c) Incorporation of mutation by PCR (d) Confirmation of mutation by sequencing (e) Cloning of mutated fragment back to original vector.
- Online enquiries can be made at geneiservice@sanmargroup.com

Deliverables:

1. Purified DNA: 5 µg of mutated cloned & lyophilized DNA
2. Project Report

Delivery time:

105306 : 4-6 weeks.

Note: Please Contact geneiservice@sanmargroup.com

Ordering Information:

Catalogue Number	Product	Pack Size
IN VITRO SITE DIRECTED MUTAGENESIS SERVICE		
<ul style="list-style-type: none"> ● Substitute/Delete/Add extra bases on gene of your interest; ● Single to multiple base changes can be performed; ● Get up to 5-mutants within a month; ● All mutants are sequence confirmed. 		
105306	Mutagenesis service (Upto 5 mutations within 10 bp stretch)	Per sample

Service Tax as applicable will be charged extra