



WHAT DO YOU
GET IF YOU CROSS
AN ELEPHANT
WITH A RHINO?
THE NOBEL PRIZE
IN GENETICS.



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LABCARD

10 SECOND OVERVIEW



- » De novo synthesis of any double stranded DNA
- » Your choice: Short double-stranded fragments, complex genes or complete gene libraries
- » Free sequence optimisation
- » Express Genes up to 1000 bp in a Eurofins Genomics standard cloning vector delivered in only 4 days
- » Express GeneStrands up to 1000 bp as dsDNA fragment in 48 hours at your bench
- » Secure ordering, tracking and storage of your data
- » Strict confidentiality for every project



IF YOU CAN READ
THIS, SPEAK TO
OUR SALES FOR
AN UPDATE
ON OUR GREAT
PROMOTIONS

EUROFINS GENOMICS

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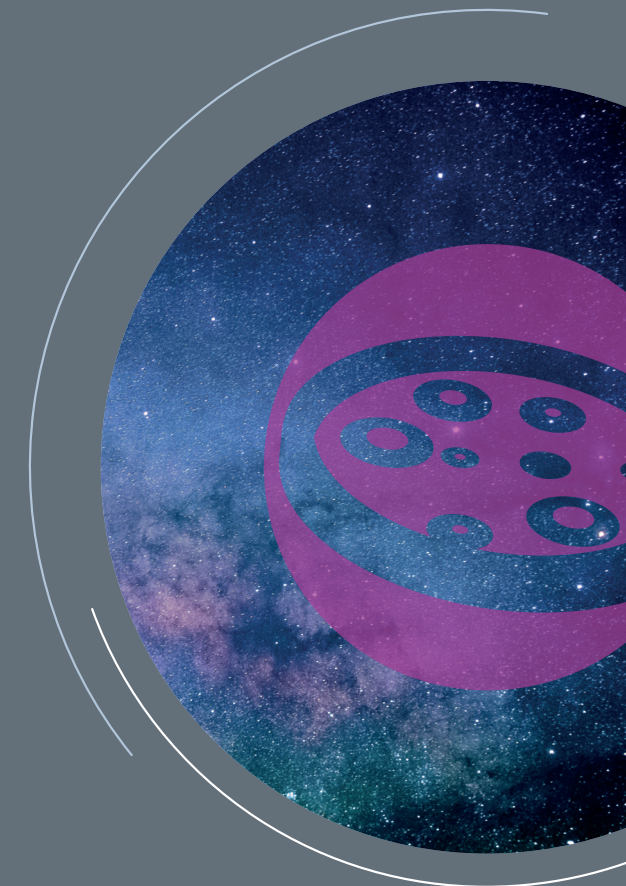
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eurofinsgenomics.com



GENE SYNTHESIS

Fast & Guaranteed
Turnaround Times



DISCOVER ALL DETAILS
OF OUR PORTFOLIO
BEHIND THE QR CODE.



DID YOU KNOW THAT...

...in 1972 the first gene was synthesised by Har Gobind Khorana and colleagues – it was a small yeast tRNA.

...today entire genes with much greater length are synthesised de novo, without a template DNA.

...genes of any length, including complete plasmids, can be synthesised.



DNA & RNA
Oligonucleotides



Custom DNA
Sequencing



Next Generation
Sequencing



Gene Synthesis /
Molecular Biology



Genotyping &
Gene Expression

BUILT FOR YOU

Pre-designed and validated

Synthetic genes

- Available in any size
- Express option available
- Guaranteed turnaround times
- Free, immediate online gene optimisation

Plasmid Preparation Service

- Up to 20 mg plasmid
- Animal-free preparation available
- Large portfolio of plasmid prep options available

Site Directed Mutagenesis

- Insertions and substitutions up to 150 bp
- Short turnaround times
- Point mutations: nucleotide inserts and deletions

CRISPR sgRNA

- Single guide RNA ready for transfection
- Lowest off target effects
- High efficiency
- Nontoxic

BUILD YOUR OWN

Flexible modules for custom solutions

GeneStrands

- Available up to 2000 bp
- Express option available (up to 1000 bp in 48h @ your bench)

Complex genes & gene synthesis projects

- For all challenging genes, regardless of size, GC content and structure, we apply specific protocols in our lab
- Any large gene synthesis project can be built up as customised solution together with you

Combinatorial libraries

- Ideally suited for screening approaches
- Available linear or cloned

Cloning Service

- Adaption of custom vector for cost-effective gene synthesis
- Plasmid synthesis
- Special E.coli strains to enhance the yield

POSTCARD

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