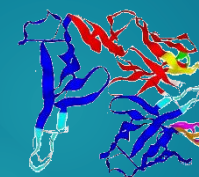
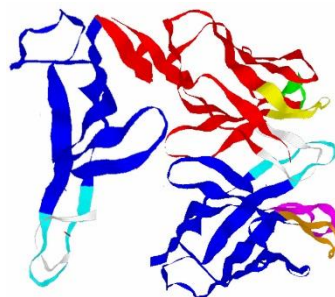


Key technologies

- Proprietary single dose immunization for antibody raising
- Glycoprotein expression in the yeast with human-like glycan moieties
- Protein expression, purification and characterization strategy design and downstream processing
- Bioassay development and validation
- Antibody development and humanization
- Assay development for receptor-ligand interaction
- Stable cell line generation



Product/Service Information Brochure

We design and engineer proteins



PDPL

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MSR Nagar
Bangalore - 560054
www.proteindesign.co.in

Protein Design Pvt Ltd.

Tel: 91-8892396768/
Website: www.proteindesign.co.in
Email: info@proteindesign.co.in
deeptisaini@gmail.com

Our expertise & technologies

The principal goal of the company is to develop technologies for engineering and producing proteins and antibodies for applications ranging from research & development; academic explorations, diagnostics setups and even therapeutics. We have developed and hold licenses for many proprietary platforms suitable for production of recombinant hormones, antibodies and other proteins/ reagents.

Our main products/ expertise includes

A. SinVac system – Antibody generation technology

A patented antibody generation platform based on dendritic cell targeting, for generating high titer antibodies in any organism. Needs very low amounts of antigen (useful for precious immunogens), single shot immunization, which provides antibodies of high titer and minimal booster for long lasting immunity. Useful not only for raising antibodies for R&D and diagnostics, but also for improving potency and testing efficacy of vaccines and new candidates.

Write to us for more information about this unique platform.

B. Glycoengineered Yeast for protein production

A patented technology and a *tour-de-force* for expression of bioactive glycosylated mammalian proteins with high yields from yeast. Proven platform for production for hormones and antibodies.

Platform suitable for high yields of the target protein.

Optimized vector system and expression strategies are available.

C. Protein biotechnology and Molecular biology

Decades of experience in the areas of molecular biology, biotechnology, biochemistry, immunology, antibody engineering, immunology, genetic engineering, synthetic biology, reproductive biology, genomics and cell biology.

Talk to us with your project requirements, we will “CHALK-OUT” the best way to take your work forward.

The Company

The founder members are well established scientists in the field of Biology/ biotechnology with wide experience in the basic and applied sciences.

It is anticipated that with our expertise in the areas of synthetic biology, protein expression, purification and characterization along with antibody generation and screening, the company is in an optimal position to meet these requirements.

Founder Director

Prof. Rajan R Dighe PhD (Biochem)
FNASc, FASc, FNA, J.C. Bose
National Fellow, IISc, Bangalore

Director and CTO

Dr. Deepti Saini PhD (Biochem)
AIIMS New Delhi, WashU, USA.

Designing and Engineering Proteins!!

