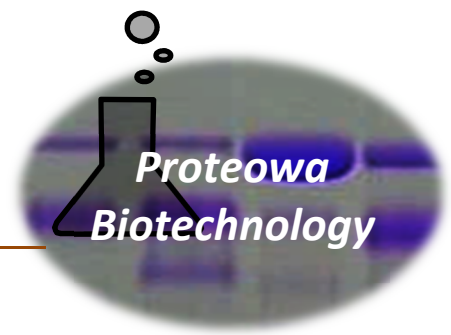


Proteowa Protein Sciences

Clear solutions to your protein needs! ©



Proteowa is a small biotechnology company based in the State Agricultural Biotechnology Centre (SABC) in Murdoch University. We are currently the only commercial enterprise with focus on the expression, refolding, stabilization, formulation and sterile lyophilisation of the recombinant protein in Western Australia.

What can we do for you?

Proteowa's core expertise is the controlled expression of recombinant proteins in *E. coli*. We can assist you by either (1.) expressing your proteins from the start to end; or (2.) working with you to design and improve your own process, for expression in your laboratories or ours. We have experience in expression at both commercial and research scales.

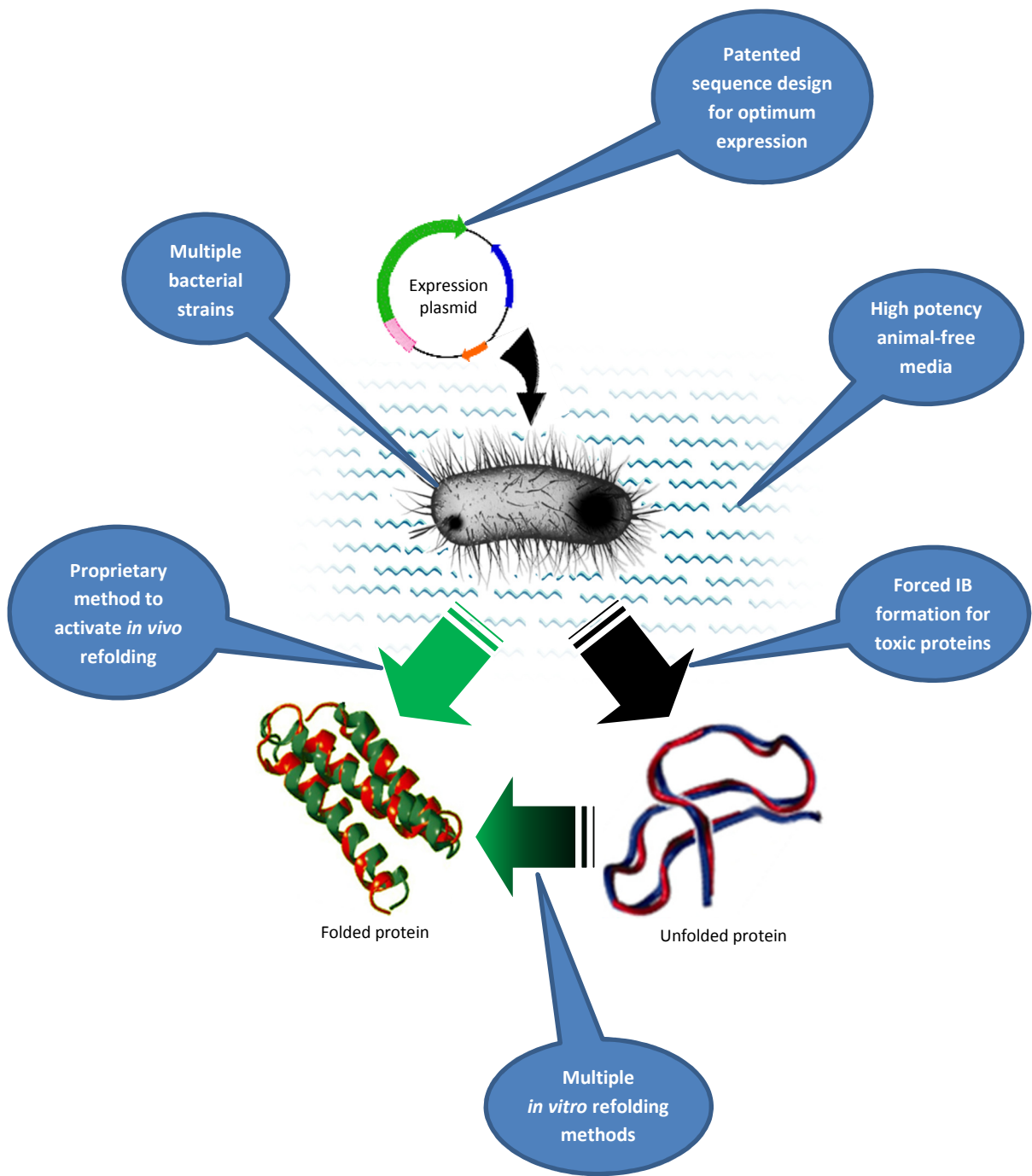
Why choose us?

We assist you to make your proteins quicker and at lower costs because:

1. We don't guess the level of expressed proteins! Instead we use rationally-designed coding sequences that allow us to predict (and adjust) the expression levels. Using this patented technology, we can reach expression levels of up to 50% of the *E. coli* total proteins.
2. We use a proprietary high potency animal-free media that not only eliminates the chance of any animal-related contaminants, but also supports the cell growth to an OD₆₀₀ of 20 in a shake flask or much higher in a fermenter.
3. Like many commercial protein chemists, we have an array of refolding techniques to throw at the proteins that happen to precipitate in inclusion bodies (IBs). But, unlike others, we also have a proprietary method to drive the proteins to fold *in vivo*. Alternatively, if you are dealing with cytotoxic proteins, we can force them to do form IBs, hence minimizing their impact on the expression host.

Whether you are a commercial scientist or an academic, if you seek to express a recombinant protein, decrease your costs, or merely optimise your expression, purification or formulation of a recombinant protein, we can assist you achieve your goals quicker.

An overview of our expression scheme and the tools that we use to achieve the optimum recombinant protein expression is shown on the following page. For further information please e-mail (admin@proteowa.com.au) or visit our web site (www.proteowa.com.au).



www.proteowa.com.au

Proteowa Pty Ltd