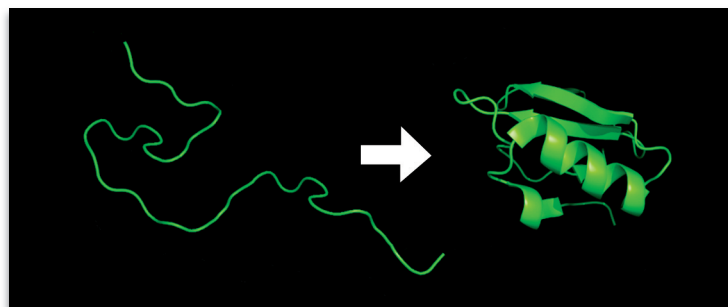


New from GeneFlow

Soluble Protein Folding Kits

Manufactured by Profoldin



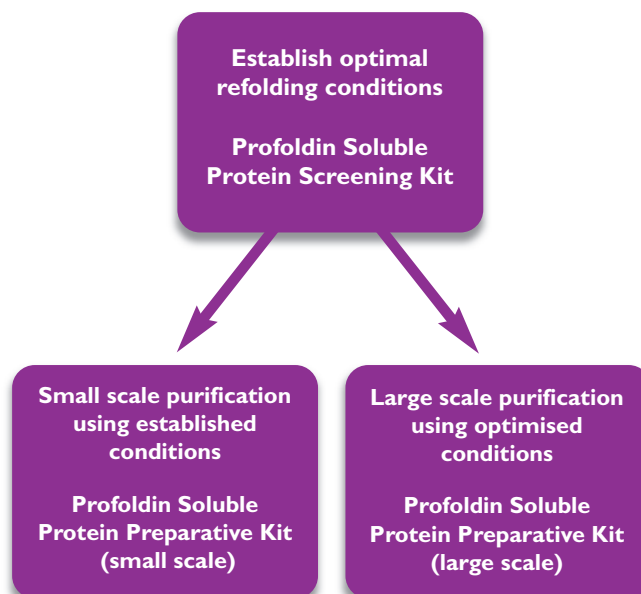
- Produce correctly folded **active proteins** by identifying optimal re-folding conditions
- Ideal for re-folding denatured urea/guanidine HCl-solubilised recombinant proteins from inclusion bodies or from denatured protein aggregates formed during protein purification or storage
- Screening kit consists of 10 spin columns for determination of optimal folding conditions
- Preparative kits available for scale up protein folding
- Simple bench-top centrifugation and incubation, no special equipment required

Step One – Screening Kit

The **Screening Kit** has been developed to detect the optimal protein folding conditions for denatured proteins. The kit consists of 10 spin columns, each of which contains different conditions known to be optimal for protein re-folding. Each of the screening columns can accommodate 0.06-0.12mg of inactive protein.

Step Two – Preparative Kits

Once the optimal condition for re-folding of the protein of interest have been established using the screening kit, scale up production is easily achieved using the **Small Scale** or **Large Scale Preparative Kits** which consists of identical columns (as selected from the Screening kit) for re-folding of up to 20mg of denatured inclusion body protein .



Screening Large Sample Numbers

The 96 Well **Protein Folding Plate** provides 96 different conditions for rapid protein re-folding screens. The wells contain variations in pH, salt concentrations and reagents known for their role in protein re-folding. Up to 25µg of guanidine HCl-solubilised proteins from inclusion bodies is added to each of the 96 wells. Once the well giving the optimal re-folding is identified, scale up preparation is achieved by simply ordering the **Protein Folding Solution kit** equivalent to the well number identified. Up to 10mg of the target protein can be obtained using each Protein Folding Solution kit.

Please contact technical support for additional information on any of these products