

# Introduction

A number of systems exist for the cloning and expression of recombinant proteins in *E. coli*.

In general, genes of interest are cloned into the vector of choice and transformed into an appropriate *E. coli* strain. The *E. coli* is grown to saturation, then induced to allow high levels of expression of the protein encoded.

Cell lysates are then prepared and subsequent purification steps are performed to yield purified protein.