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(54) Title: COMPOSITIONS AND METHODS FOR HIGH-LEVEL, LARGE-SCALE PRODUCTION OF RECOMBINANT PROTEINS

(57) Abstract: Compositions and methods for the high-level, large-scale production of recombinant proteins are disclosed. Illustrative compositions comprise one or more expression vectors capable of high-level protein and/or polypeptide expression in combination with an immortalized host cell-line capable of growth in serum-free, suspension culture. Bi-directional UCOE vectors that permit the simultaneous, high-level expression of two or more recombinant proteins and/or polypeptides from a single UCOE based plasmid vector.