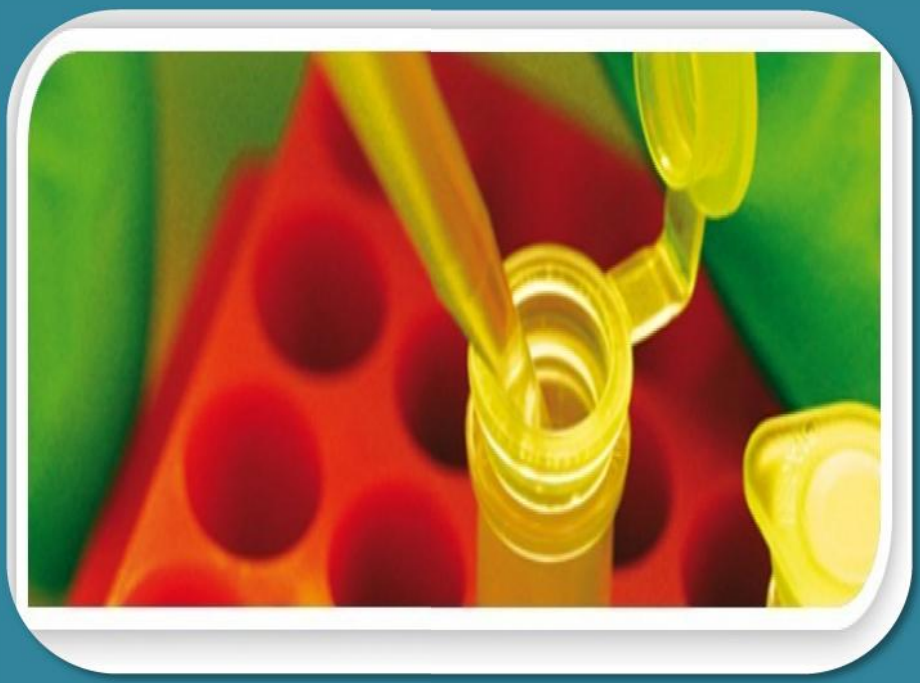
HostOptim™ Technology Based Mammalian Expression

Background

Mammalian cells have the ability to perform most comprehensive post-translational modifications and to secrete glycoproteins that are correctly folded and contain complex antennary oligosaccharides with terminal sialic acid. Mammalian cells are widely used in the production of recombinant proteins, antibodies, virus, viral-subunit proteins, and gene-therapy vectors.

Introduction

The HostOptim™ platform has been developed from Creative Biomart's core expertise in the field of gene expression and protein synthesis. HostOptim™ is complementary to existing production technologies including improved promoters, vectors and other transcriptional approaches. Additional yield enhancement through better translation efficiency (more protein per mRNA) improves economics for antibodies and other biopharmaceutical proteins. This can for example make the difference in pursuing targets that otherwise would be discarded due to insufficient yields, and speed up development with significant cost savings.



Provider

Creative Biomart: Creative Biomart is a world leading Biotech Company that provides quality recombinant proteins, diagnostic antibodies and antigens, diagnostic enzymes and pharmaceutical enzymes to the research community of biology, clinical research, molecular diagnostics and biopharmaceutical drug development. It is founded by scientists who have much experience and expertise in both transient and stable expression using a multitude of celllines, including CHO and HEK293 expression systems.

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