



Visit U-Protein Express BV at Biotechnica, hall 9, stand F59.

U-Protein Express BV is a dedicated CRO in the field of biotechnology and offers full services for the production of recombinant proteins, recombinant antibodies and – in collaboration with its closely related partner company Podiceps BV – monoclonal antibodies.

Recombinant protein production

At U-Protein Express BV fully post-translational modified mammalian recombinant proteins are produced via its r-PEx transient expression platform (patent applications pending). The r-PEx expression platform is based on Human Embryonic Kidney cells (HEK293E) and yields 1-100 mg amount of recombinant protein in 4-6 weeks.

Mouse monoclonal antibody production

Mice are immunized with an antigen that is either provided by the client or is produced at U-Protein Express BV via the r-PEx transient expression platform. Hybridoma's are selected and specific, high affinity monoclonal antibodies are purified to homogeneity. The monoclonal antibodies are tested for western blot and ELISA applications and for functional activity.

Recombinant antibody production

We have established a platform for production of recombinant antibodies (rAb's). Codon optimized cDNA inserts coding for the antibody variable domains are cloned into full-length antibody expression vectors of any class and of any organism. The rAb's are transiently produced in HEK293E cells via the r-PEx technology and generally yields 20-50 mg/L of full length IgG in the expression medium. Typical turn-around times from hybridoma to purified rAb is 10 weeks.

A brochure describing our technologies can be downloaded [here](#).

If you would like to receive more information please contact us at:

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