



➤ Recombinant Proteins

Protein Laboratories Rehovot (PLR) Ltd. is a biotech company specializing in preparation of pure biologically active recombinant proteins in *E. coli* for in vitro and in vivo research purposes (at present we have ~ 140 proteins in our catalogue).

PLR specializes in

- ⊙ Recombinant cytokines from various animal species and preparation of their recombinant mutants that act as antagonists by competing with the respective agonists for binding to receptor.
- ⊙ Using sophisticated techniques of random mutagenesis followed by selections of high-affinity mutants by yeast surface display PLR produced superactive human, mouse, ovine leptin antagonists. Very potent prolactin antagonists.
- ⊙ Leptins, growth hormone and prolactin and their mono-pegylated analogues of many mammalian and non mammalian (chicken, fish) species.

To increase the half-life of superactive antagonists and other proteins in circulation PLR employ a FDA-approved pegylation leading to long-lasting protein most suitable for in vivo experiments.

PLR recombinant proteins are used for research in labs all over the world and published papers can be found on the web.