

# Gene-to-Structure Service

- Initial detailed target discussion with the customer
- Literature research and construct design by scientists with many years of experience in engineering proteins for crystallization
- Definition of suitable strategies and milestones
- Cloning and expression in different hosts (*E.coli*, yeast, insect and mammalian)
- Protein refolding if required
- Protein purification suitable for crystallization (high yield purity and homogeneity)
- Analysis for posttranslational modifications
- Crystallization, structure determination and refinement
- Ongoing scientific discussions with customer during project
- **Deliverable:** High resolution Protein-Ligand-Structure
- Service offered with a fixed and a success based fee component; alternatively flexible FTE (full time equivalent) model