

Sandoz N^{PRO} Autoprotease Fusion Technology (NAFT)

- Sandoz developed a tool for improved expression and isolation of fusion proteins
- Effective and high yield expression technology
- Controllable, autoproteolytic cleavage resulting in an authentic N-terminus
- Proprietary technology¹⁾ was developed by Sandoz in cooperation with the Austrian Center of Biopharmaceutical Technology
- Suitable for peptides and proteins

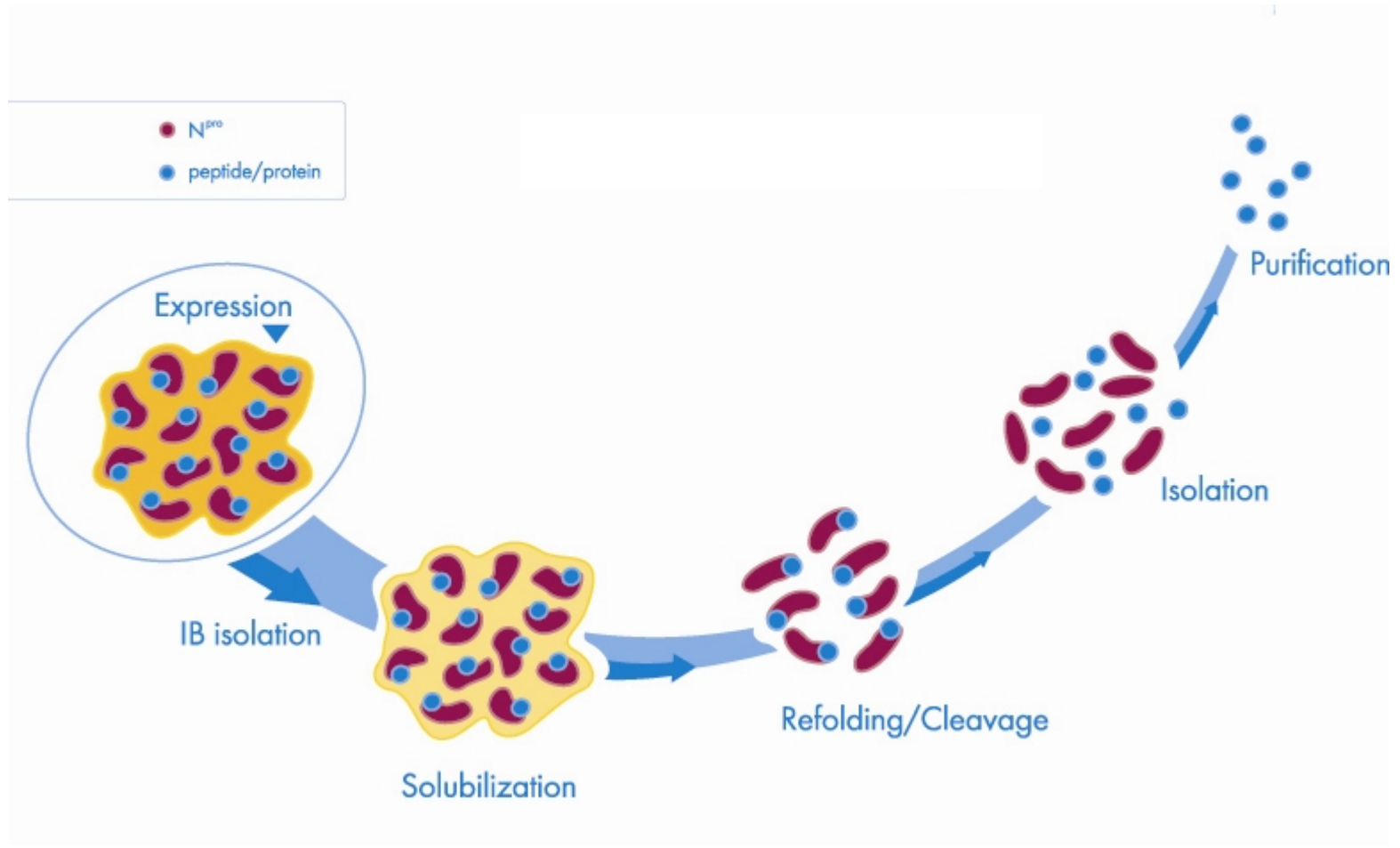
N^{PRO}

Target molecule



¹⁾ granted patents: WO 01/11056 A1, WO 01/11057 A1

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NAFT offers a Number of Advantages

- **Cost competitiveness → high fermentation yields (> 10 g/L)**
- **Integrated processing → no reagents/enzymes required for cleavage of fusion partner and target molecule**
- **typical cleavage/refolding yield: > 75%**
- **For peptides difficult to express**
- **Use as a platform technology possible**

NAFT is available for manufacturing partners of Sandoz