Spheroplasts → Lysate → High speed centrifugation → Crude membranes → 2.5M NaBr → Salt-extracted membranes → 0.18M Na₂CO₃, pH 11 → High pH-extracted membranes → 8M urea, 2M thiourea, 1% amidosulfo betaine-14 → Insoluble membrane membrane pellet → IM NaCl extraction → Cell pellet → hs-CS (cell surface proteins) → PPS (periplasmic proteins) → CYP (cytoplasmic proteins) → hs-MBR (proteins solubilized from membranes with high salt) → hpH-MBR (proteins solubilized from membranes at high pH) → usb-MBR (detergent/urea-solubilized proteins from membranes)