

Materials List for:

Transient Expression and Cellular Localization of Recombinant Proteins in Cultured Insect Cells

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Materials

| Name | Company | Catalog Number | Comments |
|--|-----------------------|----------------|--|
| KOD DNA Polymerase | EMD Millipore | 71085-3 | High-fidelity DNA polymerase used for PCR amplification of overlap extension PCR products |
| ExTaq DNA Polymerase | TaKaRa-Clontech | RR001B | DNA polymerase used for A-tailing of PCR products |
| EconoTaq PLUS GREEN 2x DNA Polymerase Master Mix | Lucigen | 30033-1 | DNA polymerase used for bacterial colony PCR |
| Biometra TProfessional Gradient Thermocycler | Biometra/LABRepCo | 070-851 | |
| Agarose LE | Benchmark Scientific | A1705 | |
| SYBR Safe DNA Gel Stain | ThermoFisher | S33102 | |
| Montage DNA Gel Extraction Kit | EMD Millipore | LSKGEL050 | |
| pIB/V5-His TOPO TA Expression Kit | ThermoFisher | K89020 | Contains components needed to clone overlap extension PCR products, including linearized and topoisomerase I-activated pIB/V5-His-TOPO vector, One Shot TOP10 chemically competent E. coli, and salt solution. |
| QIAprep Spin MiniPrep Kit | Qiagen | 27104 | |
| QIAcube Robotic Workstation | Qiagen | 9001292 | |
| Purifier Vertical Clean Bench | Labconco | 3970401 | |
| Tni cultured insect cell Line | Allele Biotech | ABP-CEL-10005 | |
| Sf9 cultured insect cell Line | Allele Biotech | ABP-CEL-10002 | |
| Serum-Free Insect Culture Medium | Allele Biotech | ABP-MED-10002 | |
| TNM-FH Insect Culture Medium | Allele Biotech | ABP-MED-10001 | |
| IPL-41 Insect Medium | ThermoFisher | 11405081 | |
| Cellfectin II Transfection Reagent | ThermoFisher | 10362100 | |
| 16 cm Disposable Cell Scrapers | Sarstedt | 83.1832 | Cell scrapers with two-position blade |
| 25 cm ² (T25) Tissue Culture Flasks with Vent Filter Caps | Life Science Products | CT-229331 | |
| Transfer Pipets | Fisher | 1371120 | |
| Sterile, 50 mL Bio-Reaction Tubes | Life Science Products | CT-229475 | |
| PipetteBoy | VWR | 14222-180 | |
| 5 mL Serological Pipettes | Sarstedt | 86.1253.001 | |
| 0.5 mL Flat-Cap PCR Tubes | Fisher | 14230200 | |

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|---|------------------------|--------------|---|
| Polypropylene Biohazard Autoclave Bags | Fisher | 01828C | |
| 35 mm #1.5 Glass Bottom Dishes | Matsunami Glass | D35-14-1.5-U | 35 mm dish diameter, 14 mm glass diameter, 1.5 mm glass thickness, uncoated |
| Incubator, Model 1510E | VWR | 35823-961 | |
| Countess II FL Cell Counter | ThermoFisher | AMQAF1000 | |
| Countess Cell Counting Chamber Slides with 0.4% Trypan Blue Reagent | ThermoFisher | C10228 | |
| Fluoview FV10i-LIV Laser Scanning Confocal Microscope | Olympus | FV10i-LIV | |
| HsPLA2/pCS6 plasmid DNA | transOMIC Technologies | TCH1303 | |
| pmCherry Vector | Clontech | 632522 | |
| NucBlue Live ReadyProbes Reagent (Hoechst 33342) | ThermoFisher | R37605 | |