

Materials List for:

Live-imaging of Breast Epithelial Cell Migration After the Transient Depletion of TIP60

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Materials

| Name | Company | Catalog Number | Comments |
|------------------------------------|------------------------------|----------------|--|
| MCF10A cell | ATCC | CRL-10317TM | Breast epithelial cell |
| DMEM/F12 media (1:1) | Gibco | 11330-032 | MCF10A culture media |
| Epithelial growth factor (EGF) | Peprotech | AF-100-15 | Supplements for MCF10A culture media |
| Cholera Toxin | Sigma-Aldrich | C-8052 | Supplements for MCF10A culture media |
| Hydrocortisone | Sigma-Aldrich | H-0888 | Supplements for MCF10A culture media |
| Insulin | Sigma-Aldrich | I-1882 | Supplements for MCF10A culture media |
| House serum | Gibco | 16050-122 | Supplements for MCF10A culture media |
| Trypsin | Gibco | 25200-056 | For MCF10A detach from plate |
| Hemocytometer | Fisher Scientific | 267110 | For counting cell |
| Opti-MEM reduced serum media | Gibco | 31985-070 | For siRNA mixture |
| Lipofectamine RNAiMAX | Invitrogen/Life Technologies | 56532 | Transfect reagent |
| Trizol reagent | Invitrogen/Life Technologies | 15596-026 | For mRNA extraction |
| iScript cDNA Synthesis Kit | Bio-Rad | 170-8891 | For cDNA generation |
| iTaq Universal SYBR Green Supermix | Bio-Rad | 172-5125 | For real time qPCR |
| 7500 Fast Real Time PCR system | Biosystems | | Real time qPCR mechine |
| 10-cm dish | Greiner bio-one | 664160 | For Knockdown experiment |
| 24-well plate | Cellstar | 662160 | For wound healing assay |
| siControl siRNA | Self designed | Self designed | CGUACGCGGAAUACUUCGAdTdT |
| siTIP60 siRNA | Self designed | Self designed | UGAUCGAGUUCAGCUAUGAdTdT |
| Live cell observer | Zeiss | | Zeiss inverted Cell Observer for live cell experiments |