

## ARFIP2 Knockout cell line (A549)

Catalog Number: KO29025

| Product Information        |                                                                                                                                                                           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | ARFIP2 Knockout cell line (A549)                                                                                                                                          |
| specification              | 1*10 <sup>6</sup>                                                                                                                                                         |
| Storage and transportation | Dry ice preservation/T25 live cell transportation.                                                                                                                        |
| Cell morphology            | Epithelioid, adherent cell                                                                                                                                                |
| Passage ratio              | 1:3~1:4                                                                                                                                                                   |
| species                    | Human                                                                                                                                                                     |
| Gene                       | ARFIP2                                                                                                                                                                    |
| Gene ID                    | 23647                                                                                                                                                                     |
| Build method               | Electric rotation method / virus method                                                                                                                                   |
| Mycoplasma testing         | Negative                                                                                                                                                                  |
| Cultivation system         | 90% F12K+10% FBS                                                                                                                                                          |
| Parental Cell Line         | A549                                                                                                                                                                      |
| Quality Control            | Genotype: ARFIP2 Knockout cell line (A549) >95% viability before freezing. All cells were tested and found to be free of bacterial, viruses, mycoplasma and other toxins. |

| Gene Information        |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Official Full Name | ARF interacting protein 2provided by HGNC                                                                                                                                                                                                                                                                                                                                                                                                         |
| Also known as           | POR1                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Gene Description        | Enables several functions, including GTP-dependent protein binding activity; membrane curvature sensor activity; and phosphatidylinositol-4-phosphate binding activity. Involved in actin cytoskeleton organization; mitophagy; and protein localization to phagophore assembly site. Located in several cellular components, including nucleolus; ruffle; and trans-Golgi network membrane. [provided by Alliance of Genome Resources, Apr 2025] |
| Expression              | Ubiquitous expression in prostate (RPKM 12.1), thyroid (RPKM 9.1) and 25 other tissues See more                                                                                                                                                                                                                                                                                                                                                   |