

## LGI3 Knockout cell line (A549)

**Catalog Number:** KO36106

### Product Information

|                            |                                                                                                                                                                         |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | LGI3 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                       | LGI3                                                                                                                                                                    |
| Gene ID                    | 203190                                                                                                                                                                  |
| Build method               | Electric rotation method / virus method                                                                                                                                 |
| Mycoplasma testing         | Negative                                                                                                                                                                |
| Cultivation system         | 90% F12K+10% FBS                                                                                                                                                        |
| Parental Cell Line         | A549                                                                                                                                                                    |
| Quality Control            | Genotype: LGI3 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

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|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Official Full Name | leucine rich repeat LGI family member 3provided by HGNC                                                                                    |
| Also known as           | LGIL4; IDDMDS                                                                                                                              |
| Gene Description        | Predicted to be involved in regulation of exocytosis. Located in extracellular space. [provided by Alliance of Genome Resources, Apr 2025] |
| Expression              | Biased expression in brain (RPKM 29.1), lung (RPKM 12.3) and 4 other tissues See more                                                      |