

## CELSR3 Knockout cell line (A549)

Catalog Number: KO38097

| Product Information        |                                                                                                                                                                           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | CELSR3 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                       | CELSR3                                                                                                                                                                    |
| Gene ID                    | 1951                                                                                                                                                                      |
| Build method               | Electric rotation method / virus method                                                                                                                                   |
| Mycoplasma testing         | Negative                                                                                                                                                                  |
| Cultivation system         | 90% F12K+10% FBS                                                                                                                                                          |
| Parental Cell Line         | A549                                                                                                                                                                      |
| Quality Control            | Genotype: CELSR3 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 | cadherin EGF LAG seven-pass G-type receptor 3provided by HGNC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Also known as           | FMI1; EGFL1; HFMI1; MEGF2; ADGRC3; CDHF11; RESDA1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene Description        | This gene belongs to the flamingo subfamily, which is included in the cadherin superfamily. The flamingo cadherins consist of nonclassic-type cadherins that do not interact with catenins. They are plasma membrane proteins containing seven epidermal growth factor-like repeats, nine cadherin domains and two laminin A G-type repeats in their ectodomain. They also have seven transmembrane domains, a characteristic feature of their subfamily. The encoded protein may be involved in the regulation of contact-dependent neurite growth and may play a role in tumor formation. [provided by RefSeq, Jun 2013] |
| Expression              | Broad expression in brain (RPKM 3.0), testis (RPKM 2.3) and 17 other tissues See more                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |