

## NDUFAF1 Knockout cell line (A549)

Catalog Number: KO23044

| Product Information        |  |
|----------------------------|--|
| Product Name               | NDUFAF1 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                       | NDUFAF1  |
| Gene ID                    | 51103  |
| Build method               | Electric rotation method / virus method  |
| Mycoplasma testing         | Negative   |
| Cultivation system         | 90% F12K+10% FBS   |
| Parental Cell Line         | A549   |
| Quality Control            | Genotype: NDUFAF1 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 | NADH:ubiquinone oxidoreductase complex assembly factor 1 provided by HGNC  |
| Also known as           | CGI65; CIA30; CGI-65; MC1DN11  |
| Gene Description        | This gene encodes a complex I assembly factor protein. Complex I (NADH-ubiquinone oxidoreductase) catalyzes the transfer of electrons from NADH to ubiquinone (coenzyme Q) in the first step of the mitochondrial respiratory chain, resulting in the translocation of protons across the inner mitochondrial membrane. The encoded protein is required for assembly of complex I, and mutations in this gene are a cause of mitochondrial complex I deficiency. Alternatively spliced transcript variants have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 19. [provided by RefSeq, Dec 2011] |
| Expression              | Ubiquitous expression in adrenal (RPKM 10.5), testis (RPKM 9.8) and 25 other tissues See more  |