

## ZDHHC23 Knockout cell line (HCT 116)

Catalog Number: KO21129

| Product Information        |                                                                                                                                                                               |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | ZDHHC23 Knockout cell line (HCT 116)                                                                                                                                          |
| specification              | 1*10 <sup>6</sup>                                                                                                                                                             |
| Storage and transportation | Dry ice preservation/T25 live cell transportation.                                                                                                                            |
| Cell morphology            | Epithelioid, adherent cell                                                                                                                                                    |
| Passage ratio              | 1:2~1:4                                                                                                                                                                       |
| species                    | Human                                                                                                                                                                         |
| Gene                       | ZDHHC23                                                                                                                                                                       |
| Gene ID                    | 254887                                                                                                                                                                        |
| Build method               | Electric rotation method / virus method                                                                                                                                       |
| Mycoplasma testing         | Negative                                                                                                                                                                      |
| Cultivation system         | 90%McCOYs 5A+10% FBS                                                                                                                                                          |
| Parental Cell Line         | HCT 116                                                                                                                                                                       |
| Quality Control            | Genotype: ZDHHC23 Knockout cell line (HCT 116) >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 | zDHHc palmitoyltransferase 23provided by HGNC                                                                                                                                                                                                                                                                              |
| Also known as           | NIDD; DHHC-23                                                                                                                                                                                                                                                                                                              |
| Gene Description        | Predicted to enable protein-cysteine S-palmitoyltransferase activity. Involved in protein localization to plasma membrane and protein palmitoylation. Predicted to be located in Golgi membrane. Predicted to be active in Golgi apparatus and endoplasmic reticulum. [provided by Alliance of Genome Resources, Apr 2025] |
| Expression              | Broad expression in testis (RPKM 5.9), colon (RPKM 3.9) and 24 other tissues See more                                                                                                                                                                                                                                      |