

## DHCR24 Knockout cell line (HeLa)

**Catalog Number:** KO38239

| Product Information        |                                                                                                                                                                           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | DHCR24 Knockout cell line (HeLa)                                                                                                                                          |
| specification              | 1*10 <sup>6</sup>                                                                                                                                                         |
| Storage and transportation | Dry ice preservation/T25 live cell transportation.                                                                                                                        |
| Cell morphology            | Epithelioid, adherent cell                                                                                                                                                |
| Passage ratio              | 1:3~1:6                                                                                                                                                                   |
| species                    | Human                                                                                                                                                                     |
| Gene                       | DHCR24                                                                                                                                                                    |
| Gene ID                    | 1718                                                                                                                                                                      |
| Build method               | Electric rotation method / virus method                                                                                                                                   |
| Mycoplasma testing         | Negative                                                                                                                                                                  |
| Cultivation system         | 90%DMEM+10% FBS                                                                                                                                                           |
| Parental Cell Line         | HeLa                                                                                                                                                                      |
| Quality Control            | Genotype: DHCR24 Knockout cell line (HeLa) >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 | 24-dehydrocholesterol reductase provided by HGNC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Also known as           | DCE; SELADIN1; Nbla03646; seladin-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene Description        | <p>This gene encodes a flavin adenine dinucleotide (FAD)-dependent oxidoreductase which catalyzes the reduction of the delta-24 double bond of sterol intermediates during cholesterol biosynthesis. The protein contains a leader sequence that directs it to the endoplasmic reticulum membrane. Missense mutations in this gene have been associated with desmosterolosis. Also, reduced expression of the gene occurs in the temporal cortex of Alzheimer disease patients and overexpression has been observed in adrenal gland cancer cells. [provided by RefSeq, Jul 2008]</p> |
| Expression              | Biased expression in adrenal (RPKM 515.3), liver (RPKM 200.4) and 12 other tissues See more                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |